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Lancaster Farming

Vol. 19 No. 15 | Lancaster Farming, Saturday, March 2, 1974 | $2.00 Per Year

The world's fastest swimmer will never win any awards for milking cows, according to Lancaster County Dairy Princess Ralene Harbold. Ralene's look says all that needs to be said about the attempt by Olympic gold-medalist Mark Spitz to milk Miss Labor Day, a champion in her own right, although not at swimming. Vocalist Jaye P. Morgan, right, was in charge of comforting the Jersey.

Looking on are Virginia Graham, left, and Suzy Spitz, Mark's wife. Spitz got his introduction to milking last week in Philadelphia on the Mike Douglas Show. The show was taped and will be telecast on March 5, Dairy Day, at 9:00 a.m. over WGAL-TV, Channel 8. For folks attending Dairy Day, there'll be a TV set in the Farm and Home Center lobby so they can watch.

Hearing Held in Harrisburg . . .

Land Use Assessment Bill In Second Draft

Last May, Pennsylvania voters approved by an overwhelming majority a constitutional amendent which allows farmland to be taxed on the basis of its use rather than on the basis of its potential value as a real estate development. Since passage of the so-called "Clean and Green" amendment, the House Agriculture Committee, chaired by Representative Francis Kennedy, has been working on a bill to implement that mandate from the voters.

House Bill 1056 was presented at three public meetings across the state last year. It ran into many objections, caused mainly by a ten-year roll-back clause. Under the provisions of the first draft, farmers would have been required to sign a contract to keep their lands in farm use for a period of ten years. In return for signing the contract, farmers were to be given a break from local property taxes. If, however, a farmer were to sell his land during the contract period, he'd have been liable to a penalty equal to the amount of the taxes saved, plus interest, or a roll-back.

The new bill calls for a five-year roll-back. It also allows farmers to split-off small parcels of land for family building lots without endangering the tax sheltered status of their other lands.

Testimony given at the hearing on Wednesday centered mostly around the split-off provision and the roll-back clause. Curtin Winsor, president of the Pennsylvania Environmental Council, echoed the feelings of many when he said that the five-year roll-back provision was simply not long enough to discourage land speculation. Winsor also said the split-off provision would encourage the development of strips along highways, as farmers sought to profit from their road frontage by selling lots to commercial establish-

(Continued On Page 24)

250 At Clean Streams Meet

Close to 250 farmers crowded into the Hinkeltown Elementary School on Wednesday night to hear about the Pennsylvania Clean Stream Law and its impact on farmers. Orval Bass, the district conservationist for Lancaster County, told the group that all farms in Pennsylvania would be required to have conservation plans for their farms by July 1, 1977. He said of the 6000 farms in the county, only 1500 have plans, and of those at least half should be rewritten due to changing farm operations.

Bass asked for a show of hands to see how many of those present had plans for their farms. There were only about 15. "To get started on a plan," Bass told the group, "tell us what you're doing, tell us what kind of farm operation you've got. We'll determine your soil loss figures, then we'll tell you what we think can be done to control your losses. Our recommendations will consist of several alternatives, and you can choose the one that best suits the way you want to farm."

Farmers who have plans and are working to implement them, will be exempt from the Clean Streams Law in 1977, Bass noted. He also said that it takes anywhere from two to ten years to implement a plan. "Right now," the conservationist said, "our office has a backlog of about 300 plans. We used to get five requests a month for assistance. Now we get anywhere from 15 to 40."

To get a plan, farmers must contact the conservation district at the Farm and Home Center. Bass said that all requests

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Conservation Banquet Set

Lancaster County Conservation District will hold their Annual Banquet on March 14th at 6:30 P.M., at the Good and Plenty Restaurant at Smoketown.

Guest speaker will be Congressman Edwin D. Eshleman.

Reservations can be made by calling any of the directors, or Mrs. Nancy J. Burkhart at the District office at 299-5361 or by stopping at the Conservation Office in the Farm and Home Center.

Deadline for reservations will be March 5th.

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FARM TRENDS

by Dick Wanner

Last year, the Nation's farmers achieved record levels for cash receipts, gross and net farm income, and income per farm from farming. Furthermore, the total income of farm people, including their nonfarm earnings, reached a new high last year.

Some of last year's records included cash receipts from marketings of $83.4 billion, realized gross of $90.5 billion, and realized net farm income of $26.1

(Continued On Page 9)

Mark Nestleroth, Manheim, was in Indianapolis this week, along with 99 other young farmers from throughout the nation. The select group of 100 was convened to explain the special credit needs of young farmers to institutional lenders.

Nestleroth Helps Examine . . .

Young Farmer Credit Needs

Special to Lancaster Farming
by
Frank Salzarolo
Indianapolis News

A hand-picked group of 100 young farmers, including Lancaster County's own Mark F. Nestleroth, a swine breeder from Manheim, gave the Farm Credit Systems some solid advice this week on the financial needs of young farmers.

And the major need is credit . . . credit to buy land and equipment, credit to operate.

It all came out at a three-day conference in Indianapolis, Ind., ending Wednesday, called by the nationwide Farm Credit System. Nestleroth and the other young farmers attending were invited to the conference by the Farm Credit banks and by major farm organizations.

Governor E. A. Jaenke, Farm Credit Administration, called it a "listening conference," and that is what it was – the young farmers talked and the lenders listened.

There were three major discussion topics during the conference:

1. The financial and related needs of young farmers.
2. Concerns of young farmers about farming, and preferred solutions.
3. How lenders can help young farmers build successful farming operations.

The 100 conferees were divided into 10 discussion groups and each group held talk sessions on each of the three discussion topics.

Later, the conclusions reached by each group were summarized at a general session involving the young farmers and the money lenders.

Secretary of Agriculture Earl L. Butz told the young farmers that farming today calls for the highest degree of dedication, the highest level of business management, and the widest range of technical capacity of any single job category in the economy.

"A generation ago, it was said that, if you cannot do anything else, you can farm. Today, if you cannot farm, you had better do something else," Butz said.

He said the biggest limiting factor for the young farmer today is capital – enough to assemble the land required to use his labor efficiently, plus enough machinery and livestock to utilize his productivity and management ability.

(Continued On Page 24)

Local Livestock Market, Auction News

Lancaster Market

Monday, February 25

	Cattle	Calves	Hogs	Sheep
Today	453	135	744	142
Last Monday	461	173	631	176
Last Yr	618	220	875	125

CATTLE: Compared to last Wednesday, slaughter steers uneven, small supply Choice 950-1250 lb. strong to 25 higher, other weights and grades mostly steady, although Standard and low-Good Holsteins weak to 1.00 lower; cows fully steady on very small supply; bulls 50-1.00 lower. Supply included 272 in afternoon auction.

SLAUGHTER STEERS: Choice 950-1200 lb. 47.85-49.25, couple 49.85-50.35; Choice 1200-1300 lb. 47.00-48.10; high-Good and low-Choice 45.60-48.00; Good 42.75-46.00; Standard and low-Good 38.00-42.00.

COWS: Utility and high-dressing Cutter 35.00-36.60; Cutter 32.75-35.00; Canner and low-Cutter 31.50-33.00.

BULLOCKS: Few Choice 45.50-46.75, couple 49.25-49.75; Good 43.00-45.50.

BULLS: Yield grade 1 1100-1800 lb. 44.35-46.75, few 47.00-48.35, six head 1835-2310 lb. 44.25-48.00; yield grade 2 1000-1500 lb. 41.50-45.00.

VEAL CALVES: Vealers mostly steady. Demand fair for calves returned to farm.

VEALERS: Prime 80.00-85.00; Choice 72.00-80.00; Good 65.00-71.00; Standard 55.00-62.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein heifers 70.00-78.00, with 90-120 lb. bull calves 62.00-70.00.

SHEEP: Wooled lambs mostly steady.

WOOLED LAMBS: Choice 70-95 lb 40.00-42.00, few lots 43.00; Good 65-90 lb. 37.00-40.00; one lot Choice 70 lb. new crop lambs 58.00, and one lot Good and Choice 40-55 lb. 55.00

Vintage Auction

Tuesday, February 26

	Cattle	Calves	Sheep
Today	575	499	14
Last Week	558	591	6
Last Year	1024	559	384

CATTLE: Compared to last Tuesday, slaughter steers unevenly steady to 50 lower, with most sales of Good and Choice to retail trade; cows 50-1.00 lower, although several sales Utility mostly steady; bulls 50-75 lower.

SLAUGHTER STEERS: Choice 950-1325 lb. 47.85-50.10, several 50.25-51.00, with six head Good and Choice yield grade 2-3 51.25-52.50; high-Good and low-Choice 46.50-48.50; Good, including load 1350-1550 lb. Holsteins, 42.25-47.50; Standard and low-Good 40.50-43.00.

COWS: Utility and high-dressing Cutter 34.25-36.50, few 36.75-37.50; Cutter 32.75-34.75; Canner and low-Cutter 30.50-32.75.

BULLOCKS: Choice 900-1250 lb. 42.25-46.10; Good 41.25-43.50.

BULLS: Few yield grade 1 1400-1700 lb. 46.50-47.75, couple 49.50-51.00; yield grade 2 1000-1500 lb. 42.00-44.75.

VEAL CALVES: Vealers 1.00-3.00 lower, with slaughter calves 3.00-6.00 lower.

VEALERS: Prime 78.00-82.50; Choice 72.00-77.00; Good 62.00-72.00; Standard 53.00-60.00; Utility 75-120 lb. 44.00-52.50, few 60-75 lb. 35.00-36.00.

SLAUGHTER CALVES: Choice 375-525 lb. 44.00-47.00; Good 39.00-45.00.

RETURNED TO FARM: Few 80-125 lb. Holstein heifers 66.00-78.00, with 75-95 lb. Utility heifers 50.00-61.00; bulk 100-115 lb. bull calves 70.00-71.50, one lot 120-125 lb. 61.50, and one lot 90-95 lb. 58.50.

SHEEP: Insufficient volume for a market test, few Choice 60-75 lb. wooled lambs 51.00-53.00.

Lebanon Valley Livestock

Tuesday, February 26

Cattle 326

Compared with last Tuesday's market, slaughter steers about steady. Slaughter cows 25 cents to 75 cents higher. Slaughter bulls & bullocks steady to 75 cents higher. Few Choice 1050-1300 pounds slaughter steers 46.00-48.10, Good 44.10-47.25, Standard 42.00-43.75, few Utility 40.25-41.50. Few Choice slaughter heifers 44.60-46.35, few Good 42.00-44.00, few Standard 40.00-43.25. Utility & High Dressing Cutter slaughter cows 35.00-37.60, few to 38.60, Cutters 33.60-36.10, Canners 31.00-33.35. Individual Choice slaughter bullock at 49.85, Good 45.00-47.10, Standard 42.85-44.10, few Utility 41.75-42.60. Yield Grade 1-2 1400-1900 pounds slaughter bulls 45.00-47.85, individual at 48.85.

Calves 290

Few Choice vealers 68.00-73.00, few Good 65.00-70.00, few Standard 59.00-65.00, Utility 90-120 pounds 46.00-58.00, 70-85 39.00-45.00. Farm calves, Holstein bulls 90-135 50.00-72.00; Holstein heifers 90-140 80.00-102.00, 70-85 45.00-65.00.

Sheep 27

Good & Choice 55-85 pounds new crop lambs 40.00-44.00. Slaughter ewes 18.50-21.50.

Local Grain

Thursday, February 28

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except ear corn which is per ton.

The average local grain prices quoted Thursday, February 28, 1974, are as follows:

	Bid+	Offered+
Ear Corn, New	74.00	82.00
Shelled Corn	3.17	3.32
Oats, Local	1.50	1.75
Oats, Western	2.08	2.25
Barley	2.55	2.74
Wheat	4.88	4.91
Soybeans	5.60	5.95

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Lancaster Auction

Wednesday, February 27

	Cattle	Calves	Hogs	Sheep
Today	484	120	789	32
Last Wk.	564	84	596	12
Last Yr.	948	90	391	17
Wed.'s Auc.	522	85	789	32
Last Wed.'s Auction	106	597	12	

CATTLE: Compared to Monday, slaughter steers uneven, Choice steady to 50 lower, with Standard and Good steady to 1.00 higher; cows mostly steady, few sales Utility strong to 50 higher; bulls 50-1.00 lower, few early sales mostly 2.00 lower.

SLAUGHTER STEERS: Few high-Choice and Prime 1100-1200 lb. 48.50-50.00; one lot Choice yield grade 2 1170 lb. 49.85, Choice 950-1300 lb. 47.50-49.25, few 47.00-47.50, load Choice 1290-1550 lb. 44.10-46.60; high-Good and low-Choice 900-1250 lb. 46.25-47.85; Good 43.50-47.10; Standard and low-Good 41.75-43.50, few 39.25-40.50.

SLAUGHTER HEIFERS: Choice 900-1025 lb. 46.50-47.35; Good 39.00-43.00.

COWS: Utility and high-dressing Cutter 34.75-36.75, few 37.00-37.50; Cutter 32.75-34.75; Canner and low-Cutter 31.50-33.00.

BULLOCKS: Good 900-1200 lb. 41.75-45.00, couple Choice 46.10.

BULLS: Yield grade 1 1100-1700 lb. 43.75-46.60, few 46.85-47.75; yield grade 2 1000-1500 lb. 41.00-44.00, few 39.50-41.00.

VEAL CALVES: Vealers steady to 2.00 lower.

VEALERS: Prime 78.00-82.00, few 83.00-86.00; Choice 70.00-78.00; Good 62.00-70.00; Standard 53.00-61.00; Utility mainly 40.50-49.00.

SHEEP: Supply mainly new crop slaughter lambs and slaughter ewes.

NEW CROP LAMBS: Choice 65-75 lb. 64.50-69.50, one lot Good and Choice 85 lb. 52.00.

SLAUGHTER EWES: Utility and Good 10.50-20.00.

New Holland Auction

Thursday, February 28

	Cattle	Calves	Sheep
Today	890	435	5
Last Thur.	672	470	8
Last Year	966	497	0

CATTLE: Compared to last Thursday slaughter steers uneven, Choice and Prime steady to 50 lower, Standard and Good 50-1.00 higher; cows 50-1.00 higher with Utility mostly 1.00 higher; bulls and bullocks steady, instances 1.00 lower on Good bullocks.

SLAUGHTER STEERS: High Choice and Prime 1100-1275 lb. 49.00-50.00, couple 50.50-51.00; Choice 950-1300 lb. 47.25-50.00, few mainly yield grade 2 50.00-51.25, few Choice 1300-1400 lb. 46.50-47.25; high Good and low Choice 950-1250 lb. 44.75-47.75; Good 43.25-46.75; Standard and low Good 40.00-42.75, few 39.00-40.00.

SLAUGHTER HEIFERS: Few head Choice 800-950 lb. 42.75-46.75; Good 39.00-43.00.

COWS: Utility and high dressing Cutter 34.75-37.00, few 37.25-38.25; Cutter 33.50-36.00; Canner and low Cutter 31.50-33.75.

BULLOCKS: Choice 900-1250 lb. 44.00-46.00; Good 41.00-43.50.

BULLS: Yield grade 1 1100-1700 lb. 43.75-46.00, 12 head 46.50-48.50; yield grade 2 1000-1500 lb. 40.25-43.00.

FEEDER STEERS: Couple loads Good and Choice 860-955 lb. 44.50-47.00; load Choice 425-660 lb. bulls 45.50-45.75.

VEAL CALVES: Vealers 1-2.00 lower, although few sales Prime about steady.

VEALERS: Prime 80.00-86.00, few 87.00-92.00; Choice 73.00-79.00; Good 63.00-70.00; Standard 54.00-61.00; Utility 90-120 lb. 42.00-48.00, 65-85 lb. 36.00-42.00.

SHEEP: No market test.

Composite Report

Weekly, March 1

	Cattle	Calves
This Week	2500	1200
Last Week	2976	1321
Last Year	3795	1459

CATTLE: Slaughter steers grading choice and prime steady to 50 lower with standard and good closing strong to 1.00 higher. Cows steady to 50 higher, instances 1.00 higher on utility. Bullocks 50-1.00 lower. Bulls mostly steady with last week's low close. Supply included an estimated 40 per cent slaughter steers, 30 per cent cows, 10 per cent bulls with the balance mainly feeder steers.

SLAUGHTER STEERS: High-Choice and Prime 1100-1275 lb. 48.50-50.00, Choice 950-1300 lb. 47.25-50.10, several 50.25-51.00. Six head Good and Choice yield grade 2 51.25-52.50, Choice 1300-1400 lb. 46.50-48.00 with the load yield grade 3-5 1290-1500 lb. 44.10-46.60. High Good and Low Choice 46.00-48.00, Good 42.25-47.00, Standard and Low Good 40.00-43.50, few early 38.00-40.00.

SLAUGHTER HEIFERS: Choice 900-1025 lb. 44.00-47.35, Good 39.00-43.50.

COWS: Utility and High Dressing Cutter 34.75-37.00, few 37.25-38.75. Cutter 33.00-36.00. Canner and Low Cutter 30.50-33.00.

BULLOCKS: Choice 900-1250 lb. 43.00-46.00, couple 49.25-49.75. Good 41.00-43.50.

BULLS: Yield grade 1 1100-1800 lb. 43.75-47.00, few 47.00-48.50 with couple 49.50-51.00. Yield grade 2 1000-1500 lb. 40.25-44.00, few 39.50-40.00.

VEAL CALVES: Vealers 1.00-3.00 lower, although few sales prime mostly steady. Slaughter calves 3.00-6.00 lower.

VEALERS: Prime 78.00-86.00, few 87.00-92.00, Choice 70.00-80.00, Good 62.00-70.00, Standard 54.00-62.00, Utility 90-120 lb. 42.00-52.00, late 42.00-47.00, 65-85 lb. 35.00-42.00.

SLAUGHTER CALVES: Choice 375-525 lb. 44.00-47.00, Good 39.00-45.00.

HAY MARKETS

PAUL Z. MARTIN

Wednesday, February 27

69 loads of Hay and Straw sold as follows:

Alfalfa 58-89; Timothy 40-47; Mixed 35-70; Orchard Grass 30-39; Straw 44-52; Corn 82.50-86.00.

REGIONAL

Monday, February 25, 1974

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay & straw steady to $5 lower.

Alfalfa	60.00-65.00
Mixed Hay	35.00-50.00
Timothy Hay	30.00-40.00
Straw	35.00-38.00
Mulch	17.00-26.00

GREEN DRAGON

Friday, February 22

48 loads hay, including Alfalfa 55 00-86.00; Timothy, few loads 31.00-45.00; Mixed hay 32.50-59.00, few loads to 84.00, Clover, one load at 51 00; Orchard Grass, one load at 34 50.

26 loads straw, 43.00-49 00. Corn, one load at 90 50.

NEW HOLLAND

Monday, February 25

53 loads of Hay and 22 loads of Straw sold as follows: (prices per ton)

Alfalfa 57.00-90.00; Timothy 32.00-53.00; Mixed hay 42.00-82.00; Clover, 4 loads 30.00-80.00; Orchard Grass, 2 loads 44.00 and 51.00; Straw 45.00-54.00; Ear Corn, 5 loads 85.00-90.50; Oats, 1 bushel at $2.25.

New Holland Horse Auction

Monday, February 25

Reported receipts of 447 head of horses, mules and ponies. Market steady with last week's market.

Load Kansas work and riding horses; work 375-600; riding 195-385.

Load Ohio work horses 330-520.

Load North Carolina riding horses 165-360.

Load Tennessee riding horses 145-260.

Locally consigned work horses, 360-630; mules 120-175; driving horses 175-435; riding horses 150-225; better horses 265-455.

Lightweight killers 17-20; heavyweight killers 21-24.

Mare ponies 20-55; colts 10-15; geldings 20-45; larger ponies 65-110.

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HOG PRICES

Lancaster Market

Monday, February 25

HOGS: Barrows and gilts steady to 50 lower.

BARROWS AND GILTS: US 1 200-240 lb. 42.00-43.00. few 43.50; US 1-2 200-240 lb. 41.50-42.00; US 2-3 195-250 lb. 41.00-41.50.

Vintage Auction

Saturday, February 23

HOGS 956: Compared with last Saturday's market. Barrows & Gilts $1.50 to $1.75 lower. US No. 1-2 200-230 lbs. 42.00-42.60, No. 1-3 200-250 lbs. 41.25-42.00, No. 2-3 190-265 lbs. 40.75-41.35, No. 2-4 105-145 lbs. 34.35-36.25.

SOWS: US No. 1-3 340-470 lbs. 35.50-38.00, No. 2-3 430-625 lbs. 33.75-34.50. Boars 29.10-32.25, few light weights 36.50-37.75.

Wednesday, February 27

HOGS 515: Compared with last Wednesday's market. Barrows & Gilts mostly $2 lower. US No. 1-2 210-240 lbs. 40.00-40.60, No. 1-3 190-250 lbs. 39.50-40.00, No. 2-4 260-300 lbs. 35.00-38.00. SOWS: US No. 1-3 300-500 lbs. 33.00-35.00. Boars 30.00-31.00, Stock Boars 32.00-35.00.

Leb. Valley Auction

Tuesday, February 26
Hogs 410

Barrows & Gilts $1 to $1.50 lower. US 1-3 195-240 pounds barrows & gilts 40.60-41.10, 2-3 200-255 40.00-40.60. US 2-3 300-450 sows 33.00-34.00. Few Boars 30.00-31.50.

Feeder Pigs 19

Lot US 1-3 35 pounds feeder pigs 29.00 per head, Lot 1-3 65 37.50 per head.

Lancaster Auction

Wednesday, February 27

HOGS: Barrows and gilts 2.00-2.50 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 39.35-39.75; US 2-3 185-240 lb. 38.85-39.35; US 3-4 235-255 lb. 38.10-38.60; US 2 145-170 lb. 32.25-33.35.

New Holland Auction

Monday, February 25

HOGS 1513: Compared with last Monday's market, Barrows & Gilts mostly $1.50 lower. US No. 1-2 200-240 lbs. 41.75-43.00, No. 1-3 200-250 lbs. 41.00-41.75, No. 2-3 200-260 lbs. 40.50-41.00, No. 2-4 150-190 lbs. 40.50-41.00. US No. 1-3 300-500 lbs. sows 34.00-37.50. Boars: 32.50-34.50.

St. Louis Auction

ST. LOUIS HOGS: 5000.

Barrows and gilts uneven, averaging about steady.

BARROWS AND GILTS: US 1-2, 65 head sorted 210-225 lb. 39.75; US 1-3 200-230 lb. 39.00-39.50.

Peoria Auction

PEORIA HOGS: 4000.

Trading fairly active, barrows and gilts steady to 50 lower.

BARROWS AND GILTS: US 1-2 200-230 lb. 38.50-39.00, 60 head at 39.25; US 1-3 200-240 lb. 38.00-38.50.

Indianapolis Auction

INDIANAPOLIS HOGS: 2000.

Barrows and gilts mostly steady, trading moderately active.

BARROWS AND GILTS: US 1-2 200-235 lb. 39.25-39.50; US 1-3 200-240 lb. 38.50-39.25.

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New York Dressed Meats

Thursday, February 28

Daily distributive - less than carlot meat trade.

Compared with Wednesday: Prices weak throughout for steer and heifer beef, veal and calf. Lamb fully $1 lower at top side. Pork loins $2 lower, picnics and butts $1 lower, spareribs and hams steady.

Thursday's trade featureless throughout as demand holding poor for fresh meats and wholesalers endeavoring to clear products while at the same time holding dollar investments from falling to minus operation for the week.

Steer Beef

Prime 600-900 pounds 74.00-76.00; 600-700 74.00-76.00; 700-800 72.00-74.00; 800-900 68.00-73.00. Good 500-800 68.00-73.00.

Heifer Beef

Choice 500-700 pounds 72.00-74.00.

Calf
150-350 Pounds

Choice 100.00-104.00; Good 93.00-96.00; Standard 86.00-90.00.

Veal

Choice 90-150 pounds 118.00-120.00; Good 60-90 112.00-115.00; Standard 60-120 90.00-96.00.

Lamb

Choice and Prime 30-55 pounds 82.00-84.00; 55.65 78.00-81.00.

Choice Beef Cuts

Hinds (steer) 145-190 pounds 81.50-85.00; Arm Chucks 90-105 65.00-71.00; Ribs (7-rib) 34-40 75.00-85.00; Loins (trmd) 50-70 100.00-105.00; Rounds (steer) 70-95 85.00-88.00; Full Plates 39.00-41.00; Hinds (heifer) 120-170 80.50-84.00.

Fresh Pork Cuts

Loins (regular) 8-14 pounds 80.00-83.00; 14-17 76.00-79.00; Picnics (regular) 4-8 52.00-55.00; Boston Butts 4-8 67.00-69.00; Spareribs 3 pounds down 82.00-87.00; Hams (skinned) 14-17 70.50-72.50; 17-20 66.00-69.00.

Futures Trading

(Closing bids as of Thursday, February 28)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
March			12.05	56.05
April	44.60	38.25	14.30	54.55
May			16.50	52.00
June	48.37	41.90		52.40
July		44.12		53.50
August	50.27	45.17		53.00
Sept.				57.00
October	51.60	45.80		
November			7.40	57.00
December	51.62	47.45		59.00
Feb. '75		48.45		
April		48.45		

Trend — Cattle are Lower, Hogs are Lower, Potatoes are Lower and Eggs are Lower.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Omaha Cattle

Thursday, February 28

CATTLE: Compared with last week's close, steers steady to 50 cents lower. Heifers mostly steady with uneven closing trade of preceding week, both classes unevenly 1.00-2.00 lower than previous Wednesday. Cows 1.00 higher under good demand and bulls steady. Feeder supply insufficient for a market test.

Four day receipts 16,300 as compared 17,400 previous week and 15,200 a year ago. Slaughter steers approximately 49 percent, heifers 27 percent, fairly liberal percentage Choice with many cattle carrying considerable mud. Cows 15 percent, feeders short 5 percent. After registerings a 50-1.00 price advance on opening session, trading on slaughter steers and heifers turned generally dull and prices followed a raggedly lower course.

STEERS: The forepart of week several loads Choice and Prime 994-1223 pounds yield grade 3-4 46.00-46.65. At midweek, six loads Choice and Prime 1051-1175 grade 3-4 45.00-45.35. Choice 1000-1200 grade 2-4 44.00-45.00, many grade 2-3 44.50-45.00 early, load grade 2 1102 45.50. Choice 1200-1350 grade 3-5 42.00-44.00, part load 1425 40.00. Mixed Good and Choice 975-1225 43.50-44.50, Good 41.00-43.50. Standard and low-Good 39.00-41.00.

Average cost slaughter steers first three days 44.38, average weight 1139 pounds as compared 45.60 and 1158 pounds previous week and 43.92 and 1131 pounds a year ago.

HEIFERS: Early, high-Choice and Prime 937-1052 pounds yield grade 3-4 45.50-46.00. At midweek, two loads Choice 963-992 grade 3 45.25. Several loads high-Choice and Prime 947-1105 grade 3-4 44.25-44.50. Choice 850-1025 grade 2-4 mainly 43.00-44.00, some 1000-1050 grade 3-5 42.00-42.50. Mixed Good and Choice 800-1000 42.00-43.00. Good 39.00-42.00. Small lots Standard and Good 38.00-39.00.

COWS: Utility and Commercial 31.50-34.00, moderate number Utility dairybreds 34.25-34.50. Canner and Cutter 27.50-31.50, mixed Cutter and Utility 31.75-32.50

BULLS: Yield grade 1&2 1400-1800 pounds 37.00-41.00, individual yield grade 1 41.50-42.50.

FEEDERS: Scattered sales forepart of week, steady to weak but supply not sufficient for a reliable market test.

STEERS: Three loads Choice 538 pounds 49.35, load Choice 971 43.75, load Good 974-38.50.

HEIFERS: Four loads Choice 588 pounds 44.00, load Good and Choice 902 40.00.

Oklahoma City

Thursday, February 28

Estimated Receipts 10,000
Same day last week 5,791
Same day last year 11,533

Slow, feeder cattle and calves 1.00-1.50 lower, some calves 2.00 lower; majority receipts Good and Choice 450-850 pound steers and 450-700 pound heifers arriving from wheat pastures; large attendance buyers.

FEEDER STEERS: Choice 400-500 pound 48.50-51.90; 500-600 44.00-49.00, two load 516-559 50.05-50.25; 600-700 43.00-45.45, load 599 at 46.30; 700-800 42.50-44.40; 800-925 40.00-42.70; Mixed Good and Choice 300-500 47.75-51.25; 500-700 42.25-44.50; 700-850 40.00-42.50; Good 300-500 42.00-46.75; 500-700 39.50-42.00.

HOLSTEIN STEERS: Part load Good 524 pound at 42.30; Good 625-985 37.25-38.80.

FEEDER HEIFERS: Few small lots Choice 319-370 pound 45.00-48.50; small lot 447 at 41.10; Choice 500-600 39.50-41.50; 600-675 38.75-41.00, load 636 at 41.70; mixed Good and Choice 375-500 39.50-41.00; 500-650 37.25-39.25; Good 470-705 36.00-38.25.

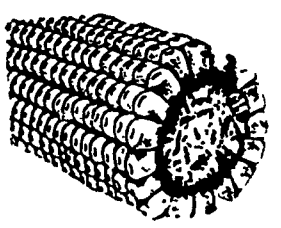
For the week: Compared to late last week, feeder cattle and calves 2.00-3.00 lower, some sales 4.00 lower on calves under 500 pound late. Slaughter cows recovered all the early loss to close steady to strong; bulls fully steady. Salable receipts near 18,100 head compared to 12,165 last week and 17,880 the same week a year ago. Cows 11 percent cattle receipts; feeders 88 percent of the total.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week To Date	489,000	1,236,000	132,000
Same Period Last Week	424,000	1,113,000	122,000
Same Period Last Year	483,000	1,208,000	140,000

More farmers each month prefer to buy their



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Poultry Market Reports

WEEKLY NEW YORK EGG MARKET

From Monday, February 25th to Friday, March 1st

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Lge.	66	66	66	65	65
Large	66	66	66	65	65
Mediums	58	58	58	59	59
Pullets	50	50	50	47	47
Peewees	35	35	35	35	35
BROWN					
Fcy. Lge	67	67	67	65	65
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Lge.	58	57	57	57	57
Checks	46	46	46	45	45

Long Tone — About Steady.

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NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.	0	0
Class 1 - Large	48 lbs.	60	59
Class 3 - Medium	42 lbs.	52	52
Class 4 - Small	39 lbs.	44	44
Breaking Stock	48 lbs.	55	54
Checks	48 lbs.	48	48

Peoria Cattle

Thursday, February 28

Cattle: Receipts this week 6600, compared to last week 5807, and to year ago 6454.

SLAUGHTER STEERS: Choice and Prime 1190-1370 pounds yield grade 3-4, 44.00-45.75; same grade 1150-1420 37.00-40.50. Choice 950-1200 grade 2-4, 44.50-47.25; late 44.50-46.00. Several loads early 1000-1025 grade 2-3, 47.50-48.00. Choice 1200-1300 grade 3-5, 41.00-45.00; load 1400 grade 4, 43.00; couple loads 1280 grade 2-3, 46.25. Holsteins 39.00-41.50.

SLAUGHTER HEIFERS: Choice and Prime 900-1125 pounds yield grade 3-4, 44.00-45.50; few grade 4-5, 41.00-43.50 Choice 800-1050 grade 2-4, 44 00-45.75; some carrying mud down to 43.00; near four loads 46.00. Mixed Good and Choice 750-1100 42.50-44.00. Good 39.50-42.50.

COWS: Utility and Commercial 26.50-33.00.

High dressing Utility 33.50-34.00. Cutter 25.50-31.00. Canner 23.50-25.50.

BULLS: Yield grade 1-2, 1100-1800 pounds 37.00-41.00; individual yield grade 1, 42.50.

Philadelphia Eggs

Wednesday, February 27

Prices steady. Cartoning demand good on mediums, light on other sizes. Offerings of Mediums adequate to barely adequate. Larger sizes ample. Undertone steady but cautious on large.

Ex. Large 71-75, Large 70-74, Mediums 60-64.

Eastern Pa. & N.J.

Wednesday, February 27

Prices unchanged on light type hens. Demand fair for adequate to barely adequate needs. Local offerings ample. Offerings noted from seven area. Offerings of heavy type hens ample for light interest.

Prices paid at farm: Light type hens 6-9, mostly 8-9 in Pa., mostly 7½ to 9 in N.J.

New Holland Dairy Auction

Wednesday, February 27

Reported receipts of 102 cows, seven heifers. Market stronger than last week's market.

Load New York cows, fresh 470-695; springers 635-795.

Load Pennsylvania cows, fresh 680-720.

Herd dispersal of 51 head from Delaware, all stages of production, 385-840.

Locally consigned cows 350-800.

Springing heifers 450-525.

Open heifers 315-330.

Fogelsville

February 19, 1974

(Prices paid dock weights cents per lb.)

Hens, light type 7-12; Hens, heavy type 8-31, mostly 12-24; Pullets 36-42, mostly 36-38; Roasters 15-36, mostly 34-36; Capons 31-41; Ducks 40-55, mostly 48-55; Drakes 35-55, mostly 50-55; Rabbits 55-96, mostly 75-85; Guineas 75-85; Pigeons (per pr.) 1.01-2.80.

Total coops sold 581.

February 26, 1974

Hens, light type 7-12; Hens, heavy type 12-30; Pullets 15-41, mostly 37-40; Roasters 12-37, mostly 35-37; Capons 25½-37; Ducks 50½-54; Drakes 40; Turkeys Hens 48; Rabbits 25-82½, mostly 75-82; Guineas 85-90; Pigeons (per pr.) 1.30½-3.05; Total coops sold 264.

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 22 thruway. Exit at Fogelsville exit. North on stoplight in Fogelsville, turn left, proceed 1 mile.

Delmarva

Wednesday, February 27

Broiler-Fryer Market

Ready to cook movement mixed ranging good where feature activity is involved to only fair elsewhere. Slaughter schedules continue fairly heavy to fill full needs.

Less than trucklot prices generally unchanged though occasionally 37c price noted on plant grade.

Live supplies adequate to barely adequate. Weights generally lighter than desired. Undertone steady.

Pool trucklot prices US Grade 39-42, mostly 39; Plant Grade 38-40, mostly 38.

NEW ENGLAND WEEKLY SHELL EGG REPORT

Tuesday, February 26, 1974

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

No market available due to last minute delay in mail delivery.

Baltimore Eggs

Wednesday, February 20

Demand is fair, supply adequate.

Large 73-79, mostly 73-75; Mediums 65-71, mostly 65-67.

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Richard E. Wanner, Editor

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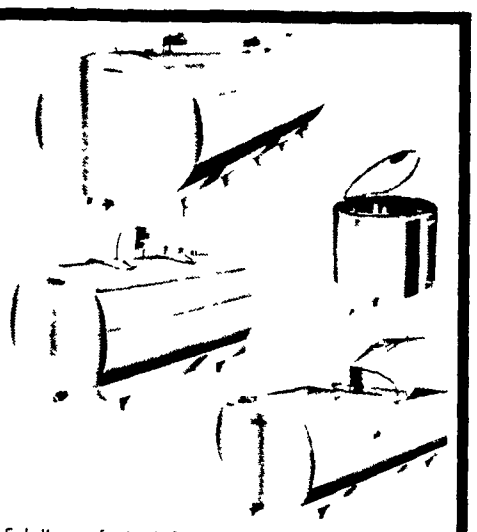
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- **MR. NORMAN Z. NOLT,** Myerstown RD1, upon winning the 1973 BERKS County DHIA High Herd Butterfat Award with an average of 646 lbs. per cow. Mr. Nolt's Herd averaged 17,201 lbs. of milk per cow with 37 cows on test.

- **MR. RAY E. BICKSLER,** Bernville RD2, upon winning the 1973 BERKS County DHIA High Herd Milk Production Award with an average of 17,360 lbs. per cow. Mr. Bicksler's Butterfat average was 633 lbs. Fat per cow with 25 cows on test.

- **MR. JEFFERSON D. YODER,** Elverson RD3, upon winning the 1973 CHESTER County DHIA High Herd Milk Production and Butterfat Awards with an average of 17,353 lbs. of milk and 696 lbs. of Butterfat per cow with 51 cows on test.

- **MR. RUFUS G. MARTIN,** Ephrata RD3, for winning the 1973 LANCASTER County DHIA High Herd Milk Production and Butterfat Awards with an average of 18,358 lbs. of Milk and 683 lbs. of Butterfat per cow with 25 cows on test.

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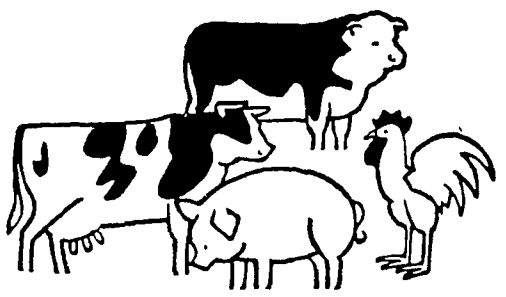

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NEXT WEEK WITH:

THE OLD FARMER'S ALMANAC

MARCH 4-10, 1974

Don't put your winter underwear away yet.

If you don't have them, get home fire extinguishers . . Col. Bowie and David Crockett killed in defense of the Alamo March 6 1836 Full Worm Moon March 8 . Town meetings in full swing now Average length of days for week, 12 hours 0 minutes Three warm days together now bring first run of maple sap Redwing blackbirds arrive north Telephone first used March 10, 1876 Happiness is a strange bird You never know where you will find it.

Old Farmer's Riddle: You can have a roomful of it, but never a spoonful of it. What is it? (Answer below)

Ask the Old Farmer: Could you explain the expression, "He slept like a top"? G.J.L., San Francisco

Should be "topman." In the old sailing men-of-war, topmen spent all their time on watch on the topsail masts and Traditionally, when off watch, they were very sound sleepers

Home Hints Hens that don't appear healthy can be nourished with water which has had several empty eggshells standing in it for a day

Answer Snuff

OLD FARMER'S WEATHER FORECASTS

New England. First part of week rainy along coast with 4-6 snow at higher elevations, end of week clearing and cold

Greater New York-New Jersey: Week begins cloudy and mild with showers then partial clearing and colder, light snow latter part, then warming and rain

Middle Atlantic Coastal: Partly sunny and warming to start, then showers, cold with 1-3 snow latter part, then rain.

Southeast Coastal-Piedmont: Moderately heavy rain along coast and inland showers to start, then clearing and warm, end of week rainy and cold

Florida: Generally clear at first, then warm and rainy, end of week clear and very warm but light rain in north

Upstate & Western N.Y.-Toronto & Montreal: Snow, 3-5 in west, to start then partly cloudy in west and 2-4 snow in east end of week Very cold, then warming with mixed rain and snow

Greater Ohio Valley: Week begins cloudy and seasonably cold, then light snow in east and colder, snow latter part, 4-6 in west then rain

Deep South Rain to start then clearing and becoming warm, week ends rainy and warm

Chicago and Southern Great Lakes: Light rain at first, then rain occasionally mixed with snow, flurries and cold latter part, then warmer with rain

Northern Great Plains-Great Lakes: Light snow central and east to start, then heavy snow 6-8 in west, 2-4 snow latter part and unseasonably cold

Central Great Plains: Cold at first with snow in west and showers in east then cloudy and warmer, end of week cold with 5-6 snow in east and 4-5 snow in west and rain in south

Texas Oklahoma First part of week clear and mild in north and south and very warm in central, rain latter part, then mixed rain and snow

Rocky Mountain Region Week begins partly sunny and warming in central and east then cold with 7-9 snow in north, snow latter part 6-8 in central, and very cold

Southwest Desert: Clear and warm to start, then storm by midweek with moderately heavy rain, rain and cool latter part, then clearing

Pacific Northwest Mostly clear at first, then rain, end of week sunny in north and showers or flurries in south

California Week begins generally sunny and mild, then cloudy in north and showers in south, end of week clearing and warmer in north and rain then clearing in south.

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Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending February 22

CATTLE 5198. Compared with 5763 head last week, and 5835 head a year ago. Compared with last week's market, slaughter steers mostly 50 cents to $1 lower. Slaughter cows $1 to $2 lower. Slaughter bullocks uneven. Slaughter bulls, about steady.

STEERS: High Choice & Prime 47.75-50.50, Choice 46.00-49.00, Good 43.00-47.25, Standard 40.50-43.75, Utility 38.00-40.50.

HEIFERS: Few Choice 43.25-46.75, few Good 40.00-44.25, few Standard 38.25-40.00.

COWS: Utility & High Dressing Cutter 33.50-36.85, Cutters 32.00-34.25, Canners 29.00-33.10, Shells down to 25.00.

BULLOCKS: Few Choice 44.00-47.85, Good 43.60-46.50. Standard 40.00-43.75, Utility 38.00-41.25.

BULLS: Yield Grade 1-2 1000-2000 pounds 40.00-46.50, few to 49.00.

FEEDER CATTLE: Good 300-600 pounds feeder steers 43.70-50.70, few to 55.00. Medium 40.60-50.00; Medium 300-500 feeder heifers 40.50-47.50.

CALVES: 3958. Compared with 3937 head last week, and 3927 head a year ago. Vealers mostly steady to $2 lower.

VEALERS: Prime 78.00-85.00, Choice 72.00-80.00, Good 66.00-75.00, Standard 55.00-67.00, Utility 90-120 pounds 45.00-58.00, 70-85 37.00-49.00. Farm calves active, Holstein bulls 90-120 50.00-79.00; Holstein heifers 90-150 58.00-115.00; beef cross bulls & heifers 70-100 49.00-74.00.

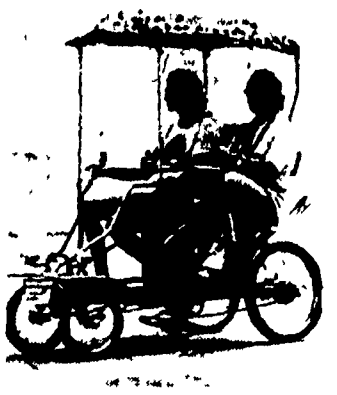
HOGS 6171. Compared with 7043 head last week, and 6887 head a year ago. Barrows & Gilts 25 cents to $1.25 lower.

BARROWS & GILTS: US 1-2 200-240 pounds 42.10-43.60, 1-3 200-245 40.75-42.50, 2-3 200-260 40.00-41.60, 2-4 120-185 35.00-40.00.

SOWS: US 1-3 300-550 pounds 34.00-38.75, 2-3 300-650 30.00-34.00. Boars 27.00-33.00.

FEEDER PIGS 754. Compared with 971 head last week, and 735 head a year ago. US 1-3 20-35 pounds 16.00-22.00 per head, 1-3 35.50 20.00-34.00 per head.

SHEEP 733. Compared with 398 head last week, and 412 head a year ago. Wooled slaughter lambs mostly steady. Choice 70-90 pounds new crop lambs 46.25-52.00, few High Choice & Prime to 59.00, Choice 70-120 wooled slaughter lambs 40.00-45.00, Good 70-120 33.00-39.50. Slaughter ewes 12.00-23.50.



PEOPLE POWER . . . People are turning to human powered vehicles not just because of the energy crisis but because it's just a fun way to get around, as these folks show on the Galveston, Texas beach. Bike shops on the island report a booming rental business.

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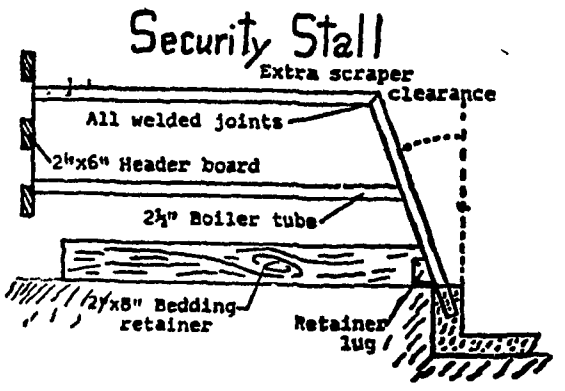

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Now all you need is a good growing season. Good luck!

NOTE: Before using any pesticide, read the label.

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From Local Ag Teachers:

Thoughts in Passing

The article this week was prepared by G. Lamar Bollinger, student teacher of vocational agriculture, Ephrata High School.

How important are the supervised experience programs in vocational agriculture? Are the extra miles and hours spent for home visits really necessary? Experience programs are a vital part of the total agriculture education program. Home project visits and occupational supervisory visits are extremely important in conducting quality experience programs. Both student and teacher have much to gain from the experience programs.

By getting to know more about each student from home visits, the teacher can better understand each student's individual needs and problems as well as his potential abilities. The student's own purposes, aptitudes, interests, and ideas are taken into consideration when planning a meaningful learning experience. The instructor can work closely with the student's parents in recommending new experiences and in developing student initiative. Quality in experience programs is dependant on the instructor and student deciding on a good experience program and on developing a good understanding relationship with the parents or supervisors.

Experience programs provide student involvement. Students use the skills and abilities discussed in class in their farming programs. There are many opportunities in the agriculture industry.

G. Lamar Bollinger

Agriculture education is changing in order to provide a diversity of experience programs in agribusiness education, to meet the needs of the students as well as the community. The agricultural resources of the community are used to provide specialized training in a diversity of agricultural businesses in the community. The supervised occupational experience program includes exploratory experiences, work experience in agribusiness, cooperative work-study, production projects, improvement projects, and supplementary practices.

The program is broad enough to include an opportunity for every student, boy or girl, farm or non-farm, to develop a comprehensive, individualized occupational experience program in the broad field of agriculture, including production, marketing, processing, supply, and services. Agriculture is a dynamic industry with many challenges for the future. Agriculture education will continue to strive to meet the needs of the industry, the student, and the community.

Teen Diet

In the active world of teenagers adequate diets often are forgotten Six out of ten teenage girls and four out of ten teenage boys have poor diets because of their eating habits Among the reasons for these improper diets are: skipping breakfast, eating nutritionally poor snacks, believing that eating makes one fat and considering outside activities more important than eating

TAX TIP OF THE WEEK

Q. Is the gain on the sale of your personal residence subject to federal income tax?

A. The tax on any gain from selling your old home is deferred if, within one year before or one year after the sale you buy and occupy a new residence costing as much or more than the adjusted sales price of your old home.

If 65 or older you may elect to treat any profit as tax free if the adjusted sales price is $20,000 or less. A proportionate part of the gain is tax free if the adjusted sales price is more than $20,000. This election to exclude the gain can be made only once in a lifetime.

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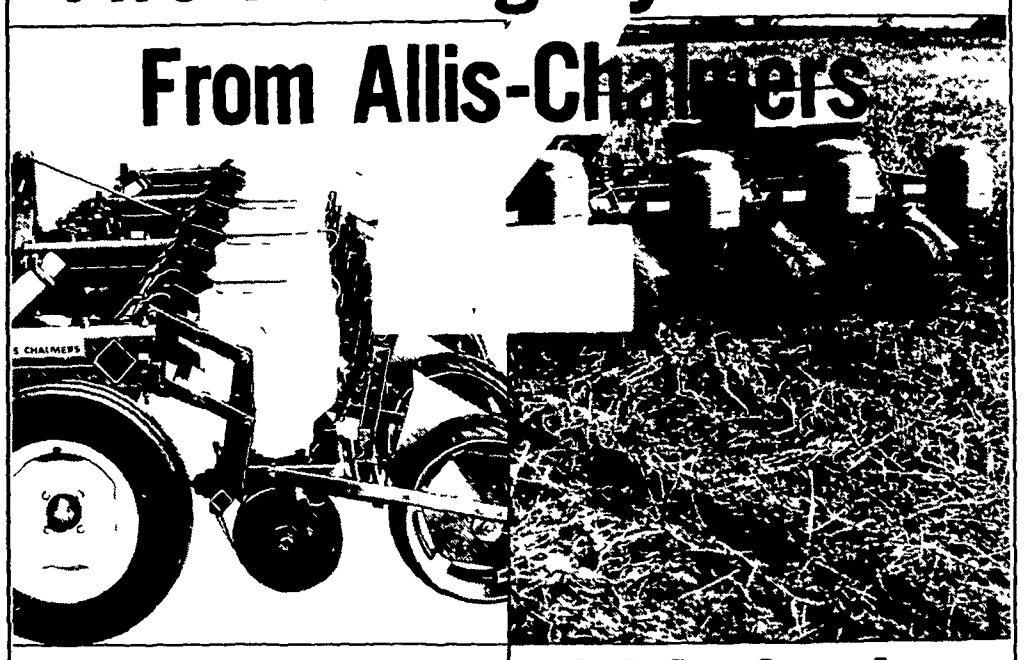

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At Allis-Chalmers we don't design planters we design "planting systems" There's a reason No two farming operations are exactly alike, so no two farmers need exactly the same planter design With our planters you choose a basic system either the 600 Series pull-type or the 300 Series tractor-mounted and design your own planter from more than 200 options

Both systems offer a choice of sizes from 2 rows to 12 rows, and row widths from 18 inches to 40 inches There are attachments to handle any fertilizer, herbicide and insecticide program you choose, whether liquid or granular And there are options that let you choose and change from conventional, wheel-track and *No-Till* planting programs

Because we've designed planting systems instead of just planters, you can buy a system you won't outgrow Changing row widths, chemical programs, or even tillage practices won't make these systems obsolete Change a couple of options . and your system is ready for your new operation.

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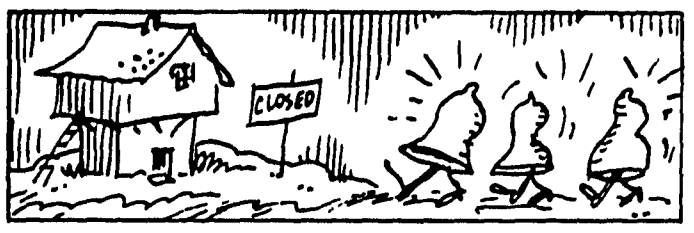

In Medieval Europe, the people believed that all church bells made a pilgrimage to Rome on Good Friday. The people stayed indoors so as not to see them go!

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FARM TRENDS (Continued From Page 1)

billion, despite a huge increase in production expenses. This record net income was $6.4 billion above 1972. The excellent farm income situation experienced last year stemmed from a strong domestic and foreign demand coupled with tight supplies of many farm commodities.

The per capita income of farm people from both farm and nonfarm sources hit a new high in 1973. Their disposable income averaged $3,913 per person, up $731 from 1972. This record per capita income (after taxes) was about 93 percent of the average income received by nonfarm people, a significant gain from a year earlier.

Farmers are entering 1974 at record income levels. The farm income outlook for 1974 will be very sensitive to crop developments both here and abroad. Realized net farm income this year is likely to show a small drop, probably about $1 to 2 billion below the $26.1 billion in 1973. However, lot output and high utilization of major field crops would result in sharply higher crop prices, and incomes to farmers well above the record realized net income of 1973. Conversely, a substantial increase in crop output from 1973 levels and reduced utilization would reduce crop prices and lead to considerably lower net farm income.

In 1974, farm prices for both livestock and crops will likely average higher than a year earlier The higher prices coupled with a larger volume of marketings, particularly for crops, will lead to larger cash receipts. These receipts may be up about $9 billion, considering the most probable situation, with crops up at least $6 billion and livestock up somewhat less than $3 billion. However, reduced government payments, down $2.3 billion from last year's total of $2.6 billion, will offset some of the gain in marketing receipts.

Farm production expenses will again move up sharply this year, fueled by a dramatic rise in prices for petroleum products and fertilizer. Outlays for feed and seed will show another large increase due to higher prices and the need for more of these inputs. Continuing inflation will be another factor, and a rise in total production expenses of almost $9 billion appears most likely.

This most probable farm income picture for 1974, showing a drop of $1 to 2 billion in net, would be another excellent year. The crop picture is still very volatile. And, developments in the general economy, affecting demand and supply, could also alter this farm income outlook.

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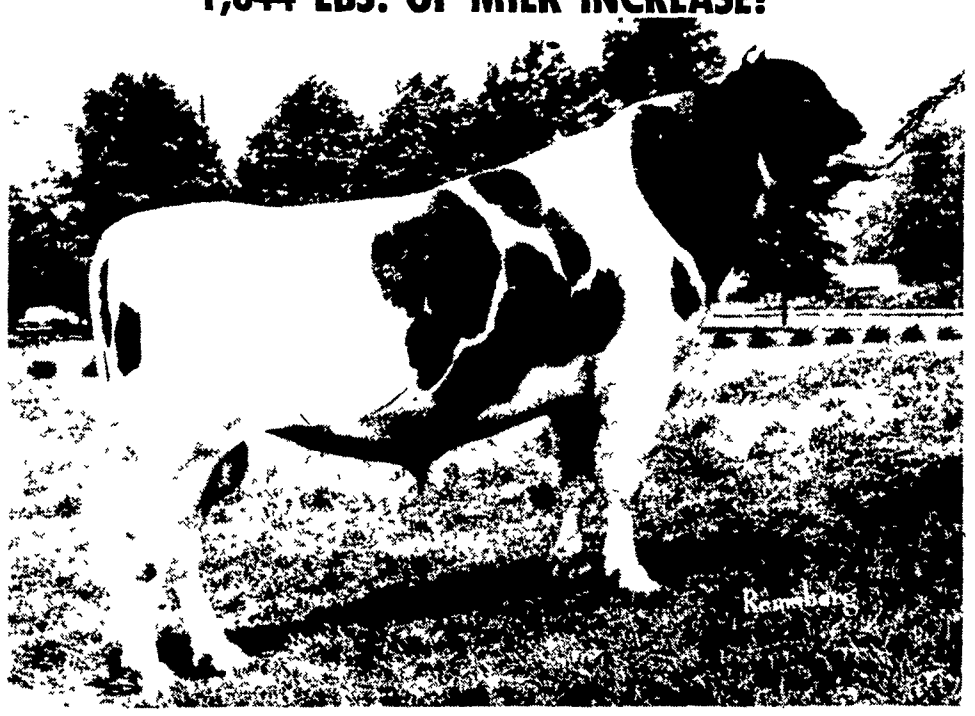

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USDA Proved Sire (Jan.-74)

116 Daus. in 74 Herds Ave.	16,701M	3.47%	579F
Predicted Difference (84% rpt.)	+1,644		+29

(+$91 per lactation above breed ave. herdmates)

H-FA Type Summary (9-73)
24 Clas. Daus. Ave. 77.8 (act.) 79.4 (age-adj.)
Predicted Difference (20 Pr.; 57% rpt.) -.38

Rocket daughters are tall and have a lot of dairy quality. They have pleasing udders with good quality and easy milk-out. Rear udders are of moderate height and teats are well placed. He is an improver of legs and feet His daughters may have somewhat rough rumps as young cattle but they can be expected to improve with maturity. Rocket is recommended for mating with short, heavy-set cows for best results.

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Our Greatest Resource

In this age of stiff competition between nations, it doesn't make sense to waste effort and resources. When thinking of resources, most people conjure up visions of oil wells and forests, rivers, farmland, mineral deposits and the like. This overlooks the fact that the most valuable resource which any nation has is the intelligence and ingenuity of its citizens, combined with the ability of its economic system to produce the goods and services that people need. It is hardly advantageous to have trees in a forest unless someone can make boards out of them to build homes Oil in the ground, unless there is some way to transform it into gasoline at the local service station pump, is of little use. U.S.-style private enterprise working with the incentives, as well as the disciplines of the free market, is the greatest device ever created when it comes to providing jobs and turning out things people need to live reasonably comfortable and pleasant lives in the midst of relatively hostile natural surroundings. It is the greatest resource the nation has. We should take care of it

A Year to Remember

Any fortune-tellers peering into the mists of the future would be forgiven if they felt a little disheartened at first by visions of unemployment, Mideast tensions, shortages in everything from gasoline to bathroom tissue and prices which move ever-upward -- seemingly at the speed of light

Life has never been easy, and it doesn't promise to blossom into a paradise for quite sometime But no matter how tough the going gets, we are confident the American people will pull through. The brand-new pages of yet another year have barely been creased, and while the story it has yet to tell will not be without unhappy moments, surely the U. S system of free enterprise and justice under law will overcome any temporary setbacks to emerge triumphant If we will just have faith in ourselves and our country, 1974 can be a year of accomplishment to remember

"Grassroots Opinion"

OZARK, ALA, SOUTHERN STAR "Many things in our life-style will be changed if and when gas rationing goes into effect One industry that has been booming will feel a tremendous pinch, that being the far-flung and many-faceted industry of tourism With airlines cutting back flights, and with the threatened shortage of gasoline, diesel fuel etc, it makes you wonder if you'll see a resurgence of rail travel with the reappearance of the steam locomotive This may be impractical, but it may come to pass as we explore alternate means of travel rather than jumping into the gas gulping, high powered family auto, and zoom 70-80 miles an hour over 4-lane highways We may still be able to go places, but it may be at a much slower pace"

xxx

"Des Moines zoo director Robert Elgin has a roaring good idea," notes an American Mutual Insurance Alliance publication, "on how to discourage vandals Following a costly incident where vandals sprayed zoo animals with paint and set some species free, Elgin provided the zoo community with a roving watchdog A lion was allowed to patrol the enclosure after dark"

THE BIBLE SPEAKS
International Uniform Sunday School Lessons
BY LAWRENCE W ALTHOUSE

PENTECOSTAL PURPOSE

Lesson for March 3, 1974

Background Scripture: Acts 1 through 2.
Devotional Reading: Isaiah 6:1-8.

If what happened in Jerusalem on the Day of Pentecost happened in your church, your minister, your congregation, or both would probably be in trouble. There is little room for the pentecostal experience in the lives of most churches. Most church worship services are designed to be the very opposite of the experience of the Jerusalem Church on Pentecost. Our services are, for the most part, intended to be unexciting, undramatic, and certainly not spontaneous.

Filled with the Holy Spirit

The rise of the so-called "pentecostal" groups today has helped many of us in the "standard-brand-denominations" to realize that we have been too contemptuous of the pentecostal experience and have therefore been too restrictive to the work of the Holy Spirit. As John the Evangelist indicated, the Holy Spirit is like the unpredictable wind: it cannot be manipulated and controlled. We cannot schedule it through an order of worship or liturgy.

Young people have often become disenchanted with the churches because they have found them largely devoid of power. They are convinced of the validity of religion, not so much by argumentation, but by demonstrations of spiritual power to heal and mend broken lives and communities. Many of us are rediscovering the need for pentacostal power in our Christianity.

At the same time, it is very evident to some of us that the pentacostal experience may be misused. For some people the ecstatic experience is an end in itself. They seek the experience because of the way it makes them "feel." The pentecostal experience for some is a continual search for "spiritual kicks" or "fireworks." Religion of this kind becomes self-centered, a never-ending quest for spiritual excitement.

"And they devoted themselves . . ."

Consider, by comparison, the account of the first Pentecost experience in Jerusalem. Acts does not tell us that the result of Pentecost was a pentecostal binge, but changed lives that were devoted to Christian growth, fellowship, and worship. Because of the first pentecostal experience, Peter preached a mighty sermon that brought conversions. There was a pentecostal purpose behind that pentecostal experience.

Once the Day of Pentecost was over, the writer of Acts does not tell us that the old and new followers of Jesus spent their time trying to repeat the pentecostal experience. The writer does not indicate that they spent their time trying to teach people to speak in ecstatic tongues. Rather, he says, " . . . they devoted themselves to the apostles' teaching and fellowship, to the breaking of bread and the prayers" (Acts 2:42).

The churches may still need at times the pentecostal experience, but let us remember that behind that experience there is always a pentecostal purpose.

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

TO BROADCAST LEGUMES

Red Clover and Alfalfa growers who are planning to establish new stands in winter grain by the broadcast method should be getting this done during the first week of March. When the ground gets a "honeycomb" condition due to alternate freezing and thawing the seeds will be worked into the topsoil at about the proper planting depth. Early seedings have been more successful than those made during late March or in April. If the band-seeding method is to be used (a better method than broadcasting) then the grower should wait until the ground dries out sufficiently for the tractor and grain drill to travel over the area.

TO PROTECT PASTURES

Some livestock men will permit their herds or flocks to roam over the pasture area at all times during the winter and spring months. This will do little harm during the winter months, but when warmer weather arrives and the sod fields and pastures get soft, it is best to remove the livestock to give the grass plants a chance to grow. Heavy livestock traffic on a grazing area during March or early April could do considerable harm and make the area rough and full of tracks.

TO PREPARE FOR SEEDING SPRING OATS

One of the very early crops to be planted in this part of the country should be spring oats. Granted they will not yield as well here as in cooler climates, but if spring oats are to be grown, they should get into the ground late in March or the first week in April. Feed grains are scarce and expensive this year and some growers may want to sow oats for their livestock and for the straw crop. The Agronomy Guide will give some guidelines for adapted varieties.

TO PERMIT SOIL TO DRY

When nice spring weather arrives many folks are anxious to get into the garden or field and start the spring planting job. In clay-type soils, or other heavy soils, this could be a serious mistake. Soil worked too wet in the spring may never become in proper condition for many crops; it will stay hard and clumpy for the entire season. With heavy mechanical equipment it is more important that the soil moisture is low enough not to pack it too hard when ground freezing may not come along to make it more mellow and workable.

Farm Calendar

Monday, March 4

7:30 p.m. - Royster Company, Stauffer Chemical and Pro-Lix meeting, Bird-in-Hand Fire Hall.

7:30 p.m. - Glen Rock-Loganville 4-H Tractor club meeting at the home of C. Harry Miller, Glen Rock RD2.

7:30 p.m. - York County 4-H Baby Beef club meeting, York Co. 4-H Center.

8:00 p.m. - Board of Directors of Lancaster County Poultry Association meeting, Farm and Home Center, Lancaster.

Octorara Young Farmer fifth annual banquet, Octorara High School Cafeteria.

Tuesday, March 5

Lancaster County Dairy Day, Farm and Home Center, Lancaster.

9:30 a.m. - 3 p.m. - Southeast Penna. Soybean Day, Holiday Inn, Kulpsville, Bucks County.

1 p.m. and 7 p.m. - Penna. Organic Farmer-Consumer Organization meeting on Soil Fertility, Room 309, Dept. of Ag. Bldg., opposite Farm Show Building, Harrisburg.

6:30 p.m. - Wrightsville 4-H club meeting, Trinity Lutheran Church, Wrightsville.

7 p.m. - Chester County Extension Service annual dinner meeting, Alert Fire Company, Downingtown.

7:30 p.m. - Hedging with Commodity Futures, Merrill Lynch Seminar, Livestock Exchange Room, Lancaster Stockyards.

7:45 p.m. - Swine Meeting, Garden Spot High School, vo-ag department.

7:45 p.m. - Ephrata Area Adult Farmer farm buildings course, Ephrata vo-ag department, first meeting on Farm Building Layout and Foundation Construction.

Beef Cattle Conference, College of Agriculture, Penn State University, March 5, 6, 7.

1974 American Pork Congress, March 5, 6, 7, DesMoines, Iowa.

Wednesday, March 6

10 a.m. - 3 p.m., March 6, 7 - Farm Financial Management two day clinic, Stone Barn, Unionville.

9:30 a.m. - 3:30 p.m. - March 5, 6 - Farm Financial Management Clinic, Municipal Building, Lebanon, Room 201.

8:45 a.m. - 3 p.m. - Waste Stabilization Ponds informational meeting,

(Continued On Page 11)

Farm Calendar

(Continued From Page 10)

West Goshen Township Building, Paoli Pike, Chester County.

7:30 p.m. - Farm Partnerships and transfers meeting, Central Chester County Vo-Tech School, East Lincoln Highway, Coatesville.

7:30 p.m. - Lancaster County Conservation District Board meeting, conference room, Farm and Home Center.

7:30 p.m. - York County 4-H Council meeting, 4-H Center.

7:30 p.m. - York County 4-H Leaders meeting, 4-H Center.

Thursday, March 7

7:30 p.m. - Poultry Education meeting, Farm and Home Center. Topic, Egg Processing on the Farm.

7:30 p.m. - Merrill Lynch Seminar, Hedging with Commodity Futures, Livestock Exchange Room, Lancaster Stockyards.

7:30 p.m. - Red Rose 4-H Beef and Lamb Club, first meeting, basement meeting room, Farm and Home Center.

Northern Lancaster County 4-H Soil and Water Conservation club meeting.

March 7-9 - Professional Farmers of America World Food Conference, DesMoines, Iowa.

Friday, March 8

Chester County Holstein Club annual bus tour - leaving from Exton Diner at 7:45 a.m. and from Don Hostetter's, Sadsburyville at 8:15 a.m.

6:45 p.m. - Garden Spot FFA annual parent, member banquet, Garden Spot High School cafeteria.

7:30 p.m. - Silver Spurs Horse and Pony club meeting at the home of Sue and Wylie Bakers, Oyster Point.

Saturday, March 9

9:30 a.m. - 3 p.m. - Capital Region 4-H Leaders Forum, First Lutheran Church, Carlisle.

Letters to the Editor

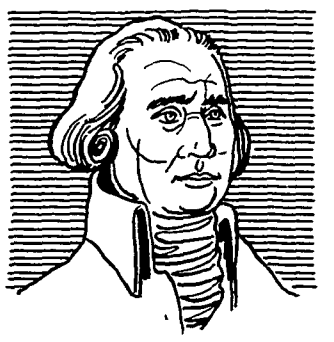
Editor, Lancaster Farming:

I appreciate your article in the Feb. 23 Lancaster Farming on my talk Double Crop Beans at the Crop and Soils Day. There is however a mistake in that article. You indicate in the second paragraph that small grain fields lie idle from the time the crop is harvested in June. Also in the third paragraph, you indicate I recommend planting before June 10. In this area, the small grains are usually not harvested until the beginning of July, so instead of June in the article, it should be July. On page 22, the date when you start losing one bushel per day delay in planting is June 20 instead of June 10.

By no means, am I saying this was your mistake. I well could have made the mistake in my talk. However if we do not correct these dates, farmers will think you and I do not know when small grain is harvested here in Lancaster Co.

John O. Yocum
Assistant Professor
of Agronomy

American Viewpoints



Labour to keep alive in your breast that little spark of celestial fire,
— conscience.

— George Washington

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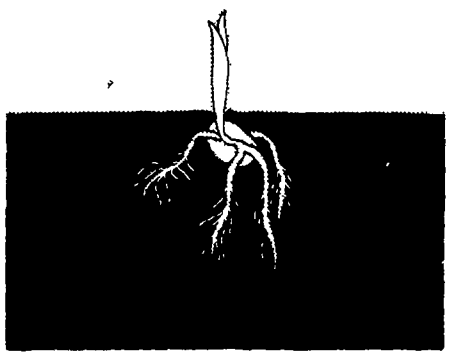

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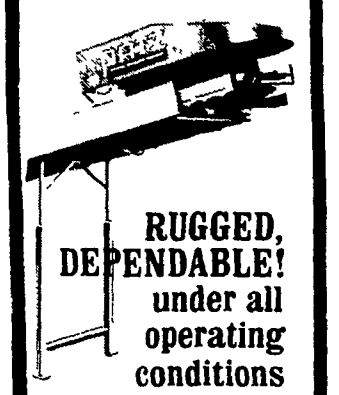

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ORGANIC LIVING

By

Robert Rodale

LOW-ENERGY LIVING CAN BE FUN

Some people haven't waited for the energy crunch to hit before cutting back on their high-consumption lifestyles. Instead, they've chosen to make do with less power, fewer gadgets and a more down-to-earth diet because it's more satisfying and enjoyable. Now their experiences can serve as inspiration for all of us faced with shortages and possible sacrifices.

Back in 1968, Eliot and Sue Coleman moved to Maine in search of a simpler, more satisfying way of life. Today, with two children and 40 acres of their own land near Harborside, they are finally realizing self-sufficiency. The Colemans must work harder than most of us, and they do without some modern conveniences we might consider necessities, but they feel it's worth it.

The Colemans have no electricity, but they do have a wood-burning stove. They use six cords of wood a year for heat and cooking.

There's no telephone, but they prefer the peaceful isolation that comes with being out of earshot of a ringing phone. Face-to-face communication suffices for socializing and transacting necessary business.

The Colemans eat no supermarket food. They raise all their own food (except grains, peanuts and cooking oil) on a one-acre organic truck patch. Fertilizer is no problem, because Eliot uses seaweed, manure, leaves, spoiled hay and other inexpensive local materials. Surplus garden produce is sold at a roadside stand, providing cash to live on.

Last year the Colemans made $3,000 from their one-acre plot. "If everything grew perfectly, I'm sure we could make $5,000 or even $6,000," says Eliot.

This year they are planning to keep bees for the first time, and their goat herd has grown. But they don't equate success with owning more things. "I have no idea what I'd do with more money," says Eliot. "If I had a larger farm, I'd have to develop a taste for fast cars, television sets and vacations in order to do something with all that money.

"I may be 100 percent wrong," he says, "but if I am or not, I think there's virtue in charging down the avenue I am charging down at least until I exhaust its possibilities."

Most of us in urban and suburban settings can't pack up and go charging off to the Maine woods. But we can learn to live with less energy and enjoy it. Jeff Cox, a Pennsylvania magazine editor, managed to cut his kitchen electric bill in half a few years ago. Here are his recommendations for doing the same in your home now that energy is in tight supply:

1. Get rid of all but truly essential appliances. Among the items Cox found expendable were a coffee maker, automatic can opener, deep-fat fryer, dishwasher, bun and plate warmer, rotisserie, air conditioner, steak broiler, and toaster. "If it does what you can't reasonably do, it can stay," he says. "If the appliance is only for ease or comfort, it goes."

2. Be prepared to do a little more work. "It's better for you, and for the quality of your kitchen and food, if you keep your personal hand in things, from disposing of garbage in the compost pile to washing your own plates," says Cox

3. Seek out quality-built, hand-operated kitchen appliances. Coffee grinders, grain mills, and food shredders are just some of the products available.

Cox also feels that his family's shopping habits are geared to a low-energy lifestyle. "Today," he says, "everyone depends on national suppliers of immense size, which scour the nation for raw materials and punch out trillions of poor-quality products, using tremendous amounts of energy."

Cox enjoys buying as much as he can, including eggs, milk and meat, from small local producers. That way he avoids much of the packaging and processing that consumes so much energy in our society.

"We work for one corporation and buy all our life support functions from other corporations. Now's the time to take back the responsibility for at least some of our life support functions, especially growing our own food and disposing of our wastes in an environmentally-sound manner," Cox says, noting that doing this cuts energy use tremendously. "If you raise a milk goat, for instance, you save the energy used in processing the milk, carting feed to the cows, taking the milk to the cooperative dairy, packaging the milk, delivering the milk to retail stores, and the gas you'd use driving to and from the store."

You can live better for less like the Colemans, with the help of the 48-page guide, "How to Live on Less and Like it More." To get your copy, send fifty cents to Robert Rodale, Organic Living, in care of this newspaper. Please ask for the booklet by name and allow at least three weeks for delivery.

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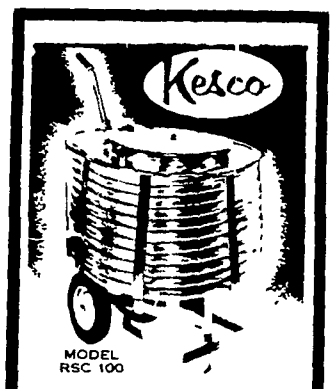

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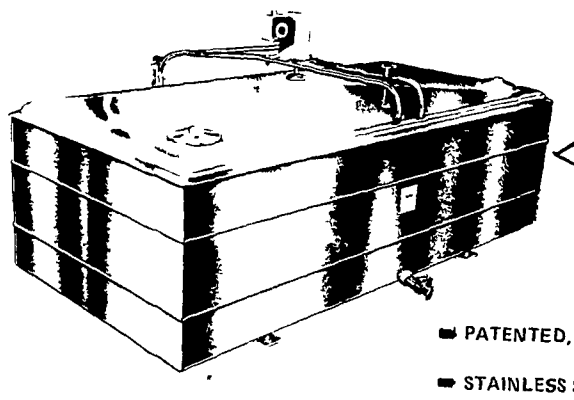

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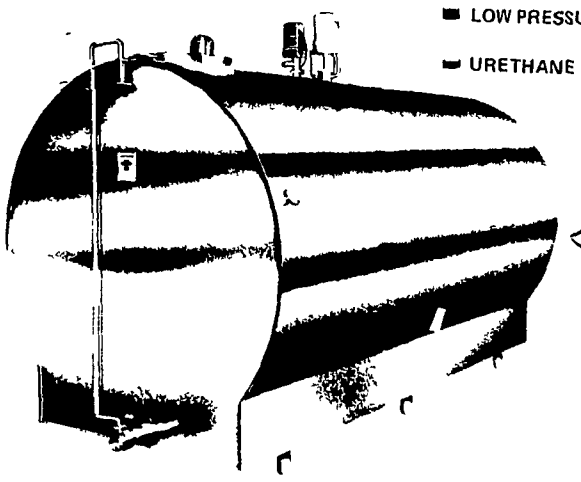

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Speakers Listed For Dairy Day

This year's Lancaster County Dairy Day will be held Tuesday, March 5, at the Farm and Home Center. The doors will open at 9:00 a.m., and the program will start at 9:30 with a short film produced by Sperry New Holland.

First speaker of the day will be Donald L. Ace, dairy extension specialist from Penn State. Ace will talk about "Measuring Your Management Ability".

The impact of dairy imports on local dairymen is a subject that will be tackled by Neal Bjornson, legislative director for the National Milk Producers Federation, Washington, D. C. The 37-year-old Bjornson is an agricultural economist, a former assistant trust officer for a Fargo, North Dakota bank, and a former county agent. Before assuming his present post, Bjornson was agricultural assistant for Senator Milton R. Young (R-N.D.), a member of the Senate Agriculture and Forestry Committee. The National Milk Producers Federation is a farm commodity organization which includes virtually all of the dairy marketing cooperatives in the nation.

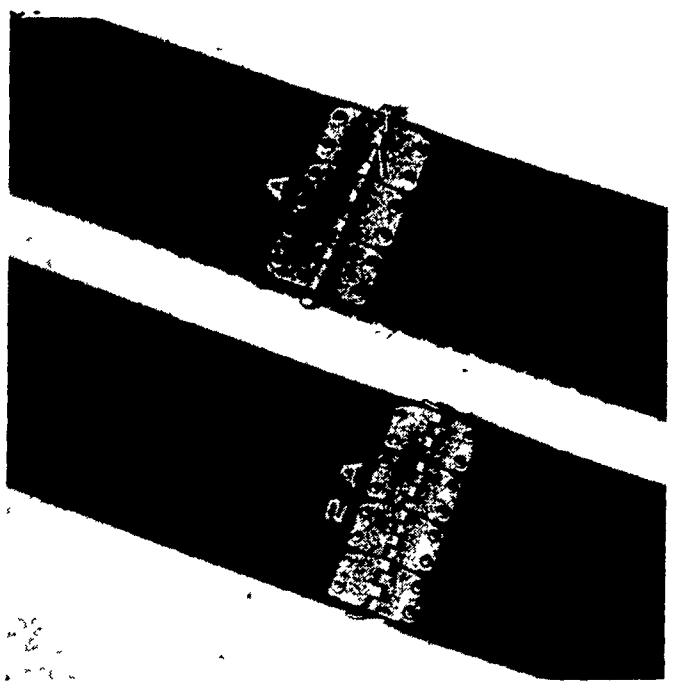
Bjornson's speech will be followed with an appearance by Miss Raelene Harbold, Lancaster County's reigning dairy princess. It will actually be Miss Harbold's second appearance of the day. Earlier, she will be seen on a taped version of the Mike Douglas show, in which she'll teach Olympic swimmer Mark Spitz how to milk a cow. Plans are to have a TV set in the Farm and Home Center lobby so Dairy Day participants can watch.

After lunch, Dr. B. P. Anderson, a Perry County veterinarian, will talk about management and mastitis control. The final speaker of the day, Stephen B. Spencer, a dairy extensionist from Penn State, will talk about dairy waste storage and disposal systems. The meeting will adjourn about 3:00 p.m.

Lunch will be available at the Center for $1.50 per person. Local dairy equipment dealers and suppliers will have exhibits and displays on hand for inspection and study.

Dairy Day is conducted by the Lancaster County Agricultural Extension service in cooperation with the milk distributors, marketing cooperatives and dairy breed associations in the area. Dairy Day Committee chairman is N. Alan Bair, assistant Lancaster County agent.

Other members of the Dairy Day Committee, and the groups they represent are: James Barnett, Inter-State Milk Producers Cooperative; Robert Breneman, Lancaster County Guernsey Breeders; Milton Brubaker, Southeast Ayrshire Breeders; William Deisley, Moore Dairy, Lancaster; Ellis Denlinger, Lancaster County Agricultural Extension Service; John Flora, Zausner Foods Corporation, New Holland; Clair Hershey, Lancaster County Holstein Breeders; Donald Hershey, Lancaster County Farmers Association; Simeon Horton, Mount Joy Milk Cooperative, Mount Joy; Robert L. Kauffman, Jr., Red Rose Dairy Herd Improvement Assoc.; Robert Keen, Queen Dairy, Inc., Lancaster; William Killough, Penn Dairies, Inc., Lancaster; Ivan Redcay, Eastern Milk Producers Cooperative; Dr. H. G. Wohnseidler, Inter-State Milk Producers Cooperative.



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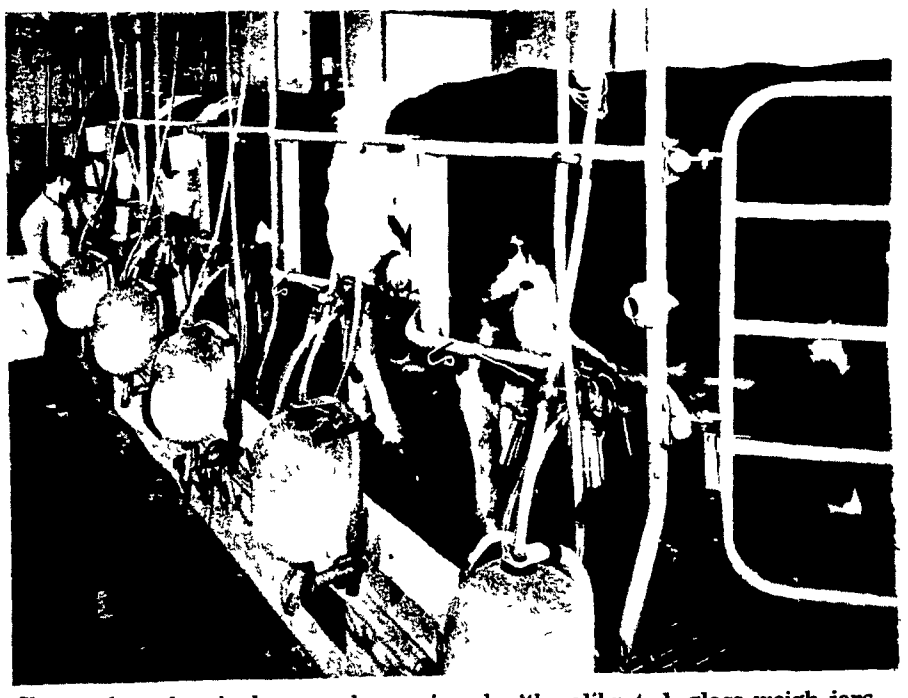

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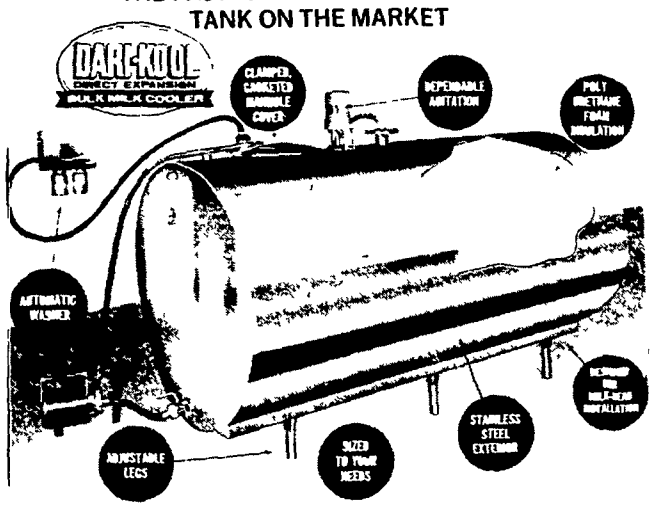

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Inter-State District 7 Holds Annual Meet

District 7 of the Inter-State Milk Producers Cooperative held its annual dinner meeting on Thursday at Hostetter's Dining Hall in Mount Joy. Guest speaker was Dr. James E. Honan, Inter-State's secretary and general manager.

Honan told the group that the marketing situation for milk is going through a period of upheaval, and that there are many groups vying for the dairymen's output. Honan explained the Inter-State marketing philosophy, saying that this cooperative was aiming for high Class One utilization, and extension of Federal Milk Marketing Order 4, and noting that their base program has produced one of the levelest milk production markets in the country.

Daniel Martin, an Inter-State director from Manheim, explained the value of advertising to the group, and scored a recent article in Consumer Reports which said that milk was an overpriced food low in nutritive value.

County agent Max Smith also talked to the' group about gasoline and fertilizer shortages. He said the fertilizer value of manure was never so important as it is today with high prices and shortages, and he advised farmers to manage their animal wastes carefully. Smith also invited the group to a meeting on farmland assessment scheduled for 7:30 p.m., Wednesday, March 13, at the Farm and Home Center.

During the meeting, 25-year membership awards were presented to three members. John Thomas, Jr., Millersville RD1, was present to receive his award. Not present but receiving awards were H. Landis Huber, Lititz RD2, and Harold Barley, Millersville RD1.

Officers and delegates of the five District 7 locals were also selected during the meeting. Elected from each local were:

Donegal Local - President, John M. Gingrich, Mt. Joy RD2; vice-president, Galen N. Benner, Mt. Joy RD1; secretary-treasurer, John S. Wenger, Manheim RD2; delegates, Luke F. Brubaker, Mt. Joy RD1; Daniel S. Stoltzfus, Mt. Joy RD1, and W. Robert Shellenberger, Manheim RD2.

Inter-State director Daniel Martin, Manheim, was one of the speakers at the annual meeting of District 7, held Thursday in Mt. Joy.

Lititz Local - President, Ray P. Bollinger, Stevens RD1; vice-president, Marvin K. Witmer, 420 Clay Road, Lititz; secretary-treasurer, Nelson E. Martin, Ephrata RD1; delegates, Earl C. Stauffer, Ephrata RD1; Galen W. Crouse, Stevens RD1.

Lebanon County Local - President, Maurice Bennetch, Newmanstown RD1; vice-president, Krall Hostetter, Lebanon RD1; secretary-treasurer, John H. Hartman, Newmanstown RD1; delegates, A. Ralph McCrone, Newmanstown RD1; Arthur E. Brandt, Newmanstown RD1.

Millersville Local - President, Nelson R. Habecker, Lancaster RD2; vice-president, Earl E. Huber, Conestoga RD1; secretary-treasurer, Kenneth Shertzer, Millersville RD1; delegates, Glenn E. Burkholder, Washington Boro RD1; Melvin Shertzer, Millersville RD1.

West Lampeter Local - President, Arthur L. Breneman, Willow Street RD1; vice-president, James D. Shertzer, 1518 Millport Rd., Lancaster; secretary-treasurer, Jacob R. Houser, Jr., 1520 Lampeter Rd., Lampeter; delegates, Harlan N. Keener, 1265 Gypsy Hill Rd., Lancaster; John M. Harnish, 1036 Beaver Valley Pike, Lancaster.

Pa. Broiler Placements Rise 14 pct.

Placements of broiler chicks in the Commonwealth during the week ending February 23, 1974 were 1,369,000. The placements were 14 percent above the corresponding week a year earlier, and 24 percent above the previous week. Average placements during the past 10 weeks were 5 percent above a year earlier.

Settings for broiler chicks were 1,774,000 - 11 percent below the previous week and 13 percent below the comparable period a year earlier. The current 3-week total of eggs set is 7 percent below the same period a year ago.

Inshipments of broiler-type chicks during the past 10 weeks averaged 2,000 compared with 6,000 a year ago. Outshipments averaged 244,000 during the past 10 weeks, 5 percent above a year earlier.

Placements in the 21 States were 61,660,000 - 5 percent above the previous week and 9 percent above the same week a year earlier. Average placements during the past 10 weeks were 5 percent above a year ago.

Settings were 77,401,000 - approximately the same as the previous week but 2 percent above a year earlier.

The current 3-week total of eggs set is 3 percent above the comparable period a year ago.

Laundry Planning

A laundry area should be planned to include space for collecting and sorting clothes, washing them by hand and machine washing and drying. Space for ironing, folding and hanging clothes is useful, too.

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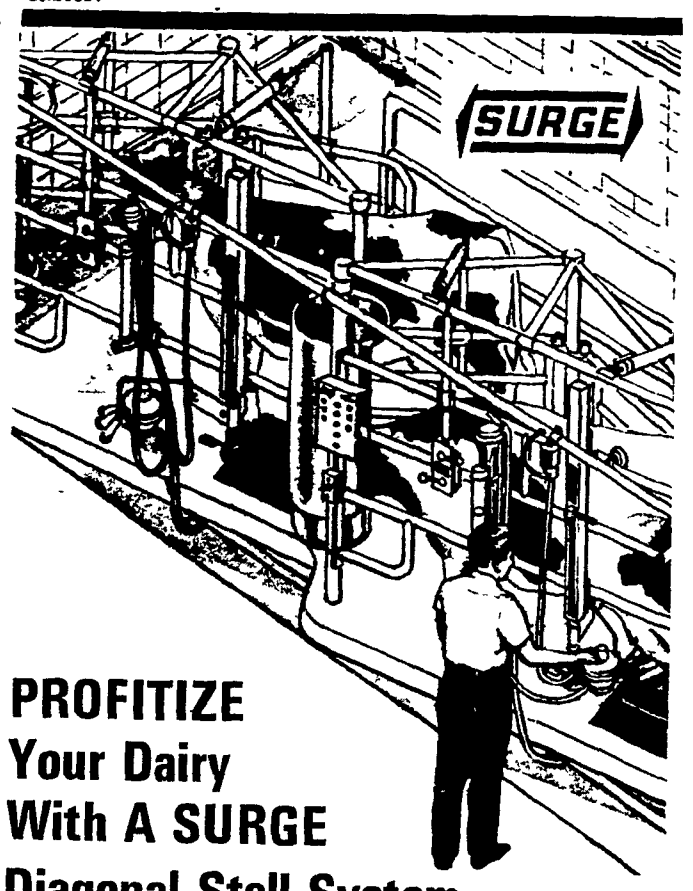

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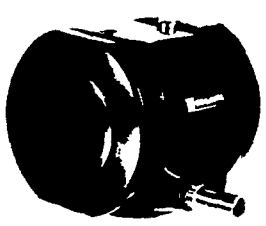

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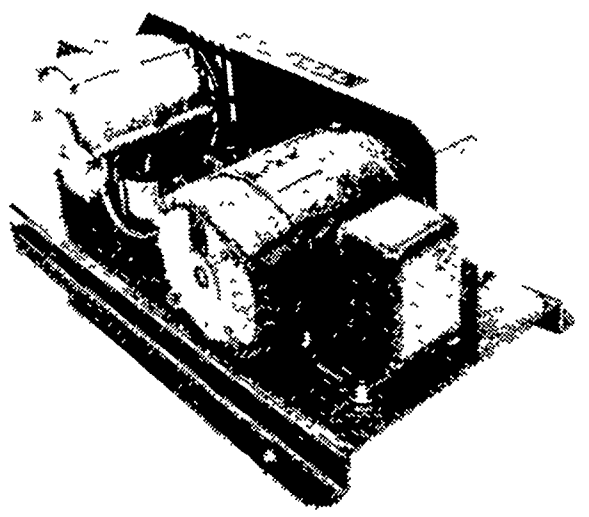

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Rutt Heads Inter-State Young Dairymen

Dairy farmers, ages of 21 to 35, representing four states, met in Lancaster recently to discuss problems concerning their future life as dairy farmers.

Kenneth M. Rutt, Quarryville, Pa., was elected chairman for 1974 of this select group of young dairymen who are members of Inter-State Milk Producers' Cooperative, and serve as a Young Cooperator Consultant Committee, directed by Inter-State's Board of Directors. Elected vice chairman was Clifford L. Higgs, Henderson, Md., and re-elected secretary was John J. Hess, Gettysburg, Pa.

George R. Brumbaugh, chairman of the Membership Relations Committee of Inter-State's Board of Directors, met with the fifteen-member Committee and their wives during the all-day session.

Dr. James E. Honan, general manager, was the highlight of the program as he explained Inter-State's operations and answered questions presented by the young dairymen.

Inter-State Milk Producers' Cooperative represents some 2900 dairy farmers in Pennsylvania, New Jersey, Delaware, Maryland, Virginia and West Virginia.

Chairman Rutt announced Young Cooperator Day for the three cooperatives who are members of Pennmarva Dairymen's Cooperative Federation - Inter-State Milk Producers' Cooperative, Maryland Cooperative Milk Producers, and Maryland & Virginia Milk Producers Association - to be held at Hunt Valley, Maryland, June 27, 1974.

Benjamin E. Dum, retiring chairman, called on Edwin R. Fry, Chestertown, Md., Inter-State Young Cooperator for 1973, to report on activities of the National Milk Producers Federation. Amos Rudderow, Moorestown, NJ, first runner-up, also reported on the NMPF Young Cooperator Program. Warren Knutsen, Rising Sun, Md., reported on the activities of the Americar Institute of Cooperation and cited the educational programs available to young farmers in America.

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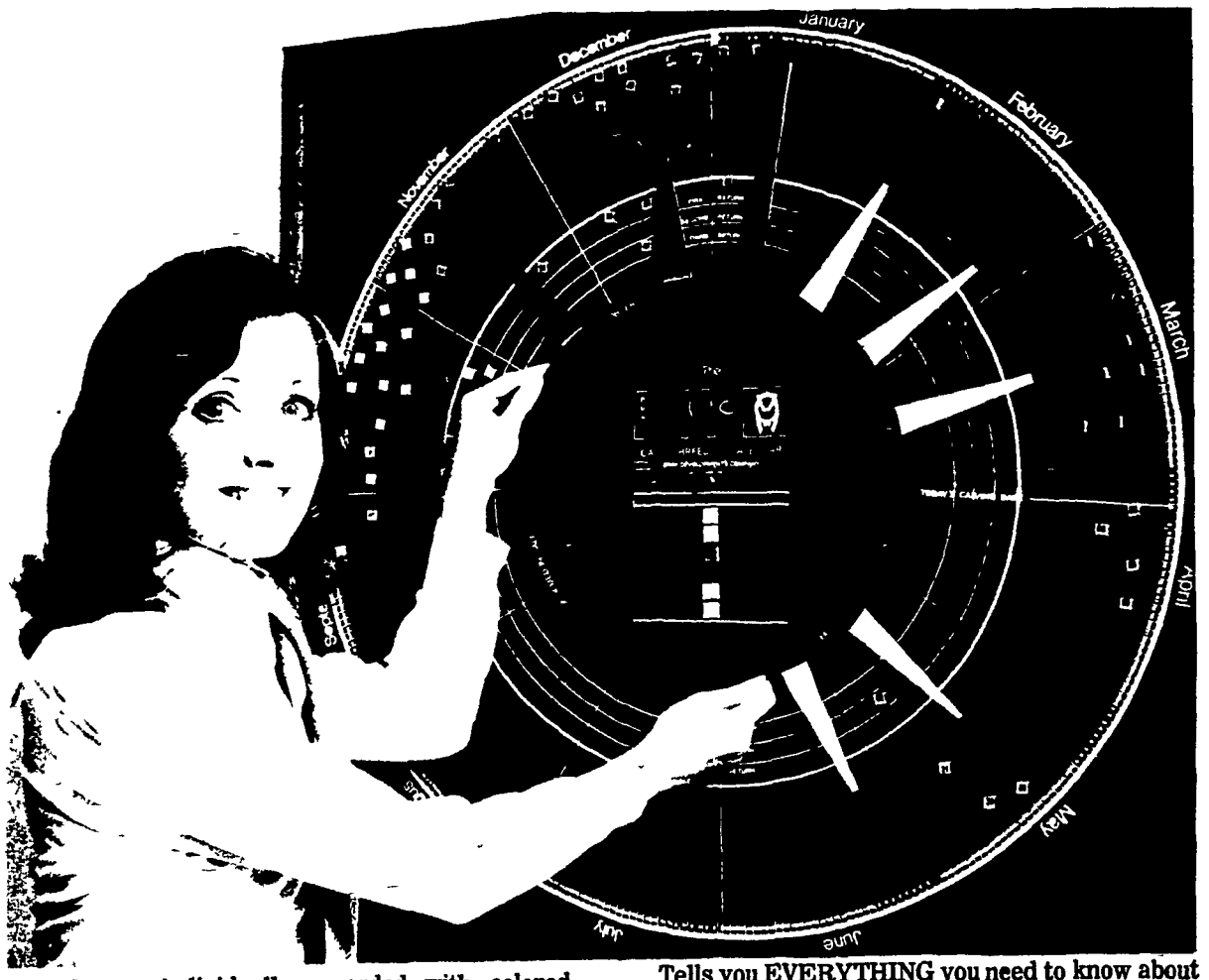

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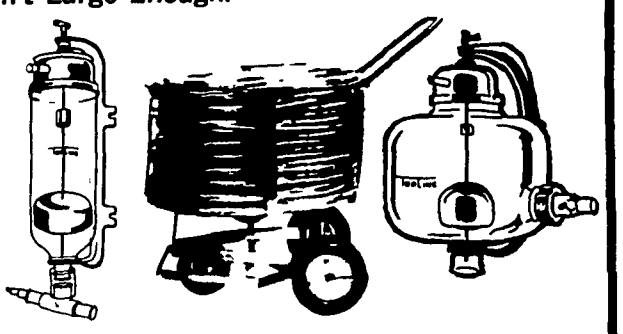

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Clean

(Continued From Page 1)

would be evaluated on the basis of individual need.

In response to a question from the audience, Bass said that a farmer could spread manure every day if he had enough land to handle the quantity, and if he kept manure out of any streams. "If you have strips and are doing a good job of conservation, you shouldn't have any problem," he said.

Another questioner wanted to know if farmers would be required to fence off the streams running through their properties in order to keep livestock out of waterways. "Under the present law, you don't have to keep your cows out of the stream. But if we don't do a good job of policing ourselves, that could change." Bass told about a dairy farm he'd seen where cows had to stand in a stream to eat from a feeder. "That guy was using the stream to haul his manure away, and if a lot of this goes on, we'll see some stricter laws."

A conservation plan; Bass said, would indicate how intensively a farmer could use his land without running afoul of the law. "The plan costs you nothing when you get it from us," Bass pointed out, "and it doesn't obligate you to anything."

A listener wanted to know how long it takes to recoup the cost of a conservation plan. "Strips don't cost very much at all, and they don't hurt yields in the beginning. Terraces should pay their way after seven to ten years, and they could lower your yields for maybe two or three years."

Another farmer in the back of the room shouted, "Why should the guy who works five days a week tell the farmer who works seven days a week what to do?" One man wanted to know why the farmers shouldn't sell all their cows and let the city folks go hungry. Still another asked what was the use of trying to save topsoil if the East was just going to get built up anyway.

The questions revealed an underlying air of frustration which the farmers feel as they face 1977 and the costs of complying with a law they don't understand. The audience, for the most part, was quiet and attentive, but there were some hostile challenges issued and there was some grumbling from time to time.

Afton Schadel, representing the Pennsylvania Department of Environmental Resources, took the podium after Bass. Schadel began his talk in Dutch, and told the farmers that he had run a 500-acre truck farm in Schuylkill County for 20 years until a personal tragedy caused him to leave the farm for a job in Harrisburg. "I believe in conservation and erosion control," Schadel said. "We worked for eight years to get good laws for erosion control, and now that we've got them I think they should be obeyed by everyone."

Schadel pointed out that many of the erosion control regulations were aimed at builders, but that it was not right to impose restrictions on industrial earth-movers without imposing the same restrictions on agricultural earth-movers.

Schadel said that an SCS conservation plan wouldn't cost farmers anything, and it would automatically exempt them from the provisions of the Clean Streams Law.

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Red Rose DHIA Officers Elected

The Red Rose Dairy Herd Improvement Association held its regular quarterly meeting Monday night at the Farm and Home Center. Officers and board members for the coming year were elected. The board approved an increase in DHIA testing fees, to be effective June 1. The new schedule will be explained at a later date.

It was explained that an increase was necessary because the association had been operating at a loss for the past few years. Pay increases to the testers and an anticipated retirement program were also cited.

Plans were made to attend the Southeast District directors meeting on March 8 in Montgomery County.

Robert L. Kauffman, Jr., Peach Bottom RD2, was reelected to another term as president of the association. James G. Kreider, Quarryville, was chosen vice-president, and James Eshelman, Mt. Joy was named secretary.

New board members elected at the meeting are: J. Robert Kendig, Conestoga, John B. Groff, Mt. Joy, Elam J. Stoltzfus, Narvon, and Roy C. Neff, Paradise. Directors appointed to represent the various breed associations are: James Martin, Stevens (Ayrshire), Arthur Breneman, Willow Street (Guernsey), and Robert E. Landis, Lancaster (Holstein). In all, there are 19 members of the local DHIA board.

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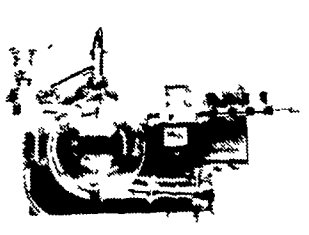

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Field trials show that for an investment of less than 3 cents in AUREOMYCIN per layer you can expect an extra dozen eggs per bird, or an extra return of $400-600 per 1,000 birds — with eggs at 40-60 cents per dozen.

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Trial results show that an investment of less than 3 cents in AUREOMYCIN per breeding hen can produce 6 extra chicks per bird, or a total of approximately $450 extra return from every 1,000 breeders a year — figuring the cost of chicks at 7.5 cents.

Whether you're producing table eggs or broiler chicks, for extra profit put your next flock on the Week-A-Month Layer Program with AUREOMYCIN.

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Soybean Protein - Food of the Future?

The Greeks Had A Word For It: Protein

The Greek word "protein," which means "first or primary," is an "in" word today. It's important to all of us because protein is part of every cell in our bodies. And, as with calcium, protein must be ingested daily because it can't be stored in the body.

Like school, there are all grades of protein. But high quality protein comes only from animal sources and contains amino acids which can't be manufactured or synthesized in a test tube. Meats, dairy products, poultry and fish are basic sources of this high quality protein.

In our editorial opinion, protein is a thin sounding word and should be colored blue High protein diets are more than a fad in the United States today, they're a way of-eating life. But how can we maintain our proper protein level in the current inflationary period with the threat of "protein shortage" resounding around the world?

The best way is to rely on the Basic 4 Food Group to supply protein necessary for your family's health. Use bread crumbs and wheat germ to stretch ground meats into meat loaf, cottage and mozzarella cheese can supply the missing protein if you put less meat in the lasagna Cheese can extend your food budget by replacing ounce for ounce some of the meat you're not eating

Cheese and tomatoes will fill in for the missing meat in a spaghetti sauce Milk and eggs can put protein power back into your French-toasted, low-on-meat sandwich. Or extend servings by adding peas, mushrooms, pimiento and white or cheese sauce to chicken-a-la-king or a tuna casserole

Another tasty way to get your daily protein is to drink it Two-thirds of a glass of milk provides the same amount of protein as an ounce of meat, poultry or fish If you prefer, you can add milk, the natural food, with no trimming, peeling or waste, to cereals, canned soups or main dishes

With pennies buying less, it makes good sense to shop, comparatively for protein the same way you do for any other product When you do, you'll find that with the exception of vinegar, milk is the lowest priced consumable liquid food of the 8,000 products found in your supermarket Remember, the cast and players of the Basic 4 Food Scenario are the same Only the protein roles have been changed to protect your food budget The last word, Greek or otherwise, is protein

The soybean—a poor but deserving immigrant from Asia—has hit it big in the New World.

The origins of the soybean are oriental, and more than 4,000 years ago it was one of the five sacred grains of China. But until recently, many U.S. farmers considered the soybean little more than a cover crop, to be planted and then plowed under to restore the soil.

In the last 10 years, things have changed. Today the soybean has achieved real status—everyone in the world seems to want soybeans, and if you were fortunate enough to have 2,000 bushels of them last June, you would have grossed $24,000.

Harvested acreage in the United States has more than doubled since 1960, and the soybean is now the farmer's leading cash crop.

Feed into food. The reason for this meteoric rise to fame of the humble soybean is basic. The expansion of flocks and herds of sheep and cattle throughout the world in recent years has been great. The need for high protein animal feed—for which soybeans are a prime source—has risen accordingly. As worldwide demand for animal protein grows, a continuing strain will be placed on the resources necessary to produce this essential nutrient.

One offshoot has been closer scrutiny of the soybean as more than just an animal feed. Researchers are finding that the protein-packed bean has much to recommend it as a human food in its own right.

Economists at USDA's Economic Research Service (ERS) now estimate that about 85 percent of all soybean meal used domestically is fed to livestock. Most of the rest is either exported or used for industrial purposes, with less than 1 percent going into human food. The utilization of the beans we export is not too different: Almost all the meal is still used for animal feed.

However, predictions are that more and more meal will be used in food products. In fact, food specialists point to soy protein-based foods as one of the most promising areas of nutritional research.

Protein packed. Soybeans contain about 38 percent crude protein, contrasted with 18 percent in beef or fish. They have three times as much protein as eggs or whole wheat flour and 11 times as much as whole fresh milk. The dry bean contains about 80 percent meal and 22 percent oil, with a high percent of unsaturated fatty acids.

Despite its impressive nutritional value, however, it wasn't until the mid-1960's that serious consideration was given to the soybean as food. Thanks to recent research, soybean derivatives are now made into a large number of attractive food items. Soybean products can be added to meats to extend them, or can be made into meat substitutes called analogs. They can also be made to resemble a wide variety of other foods, from diced, dehydrated bell peppers to mayonnaise to nut-like snacks.

From soybean to steak. How does a soybean become a steak look-alike?

First, the soybeans are ground into a flour that is about 50 percent protein. Further processing filters out hard-to-digest carbohydrates and produces soy isolate, a powder that is more than 90 percent protein.

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(Continued On Page 21)

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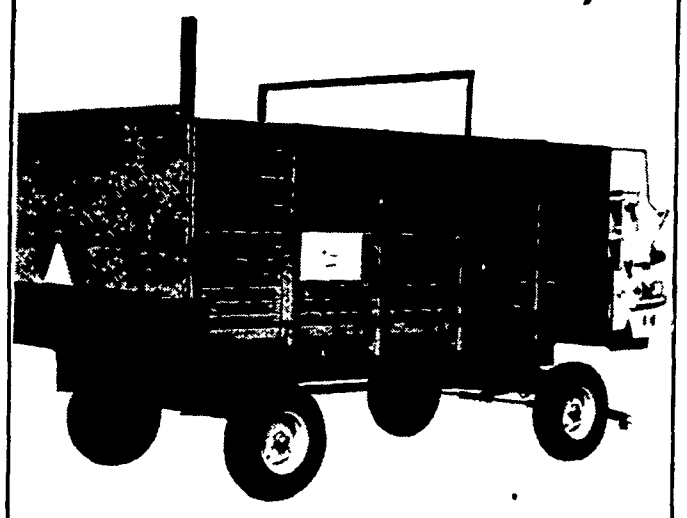

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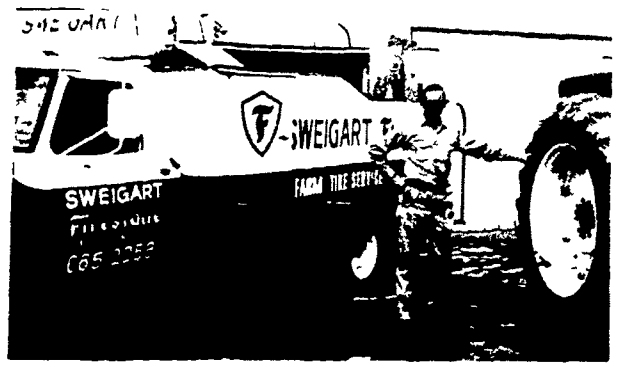

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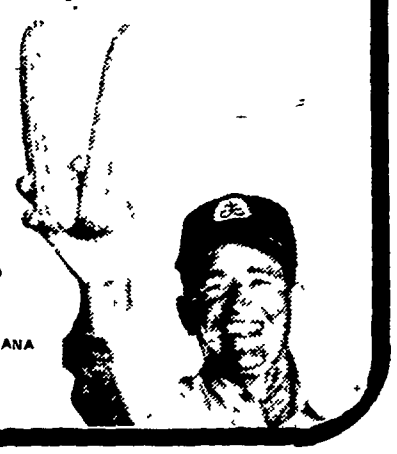

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Soybean

(Continued From Page 20)

Another texturing process, simpler and cheaper than spinning, is called extrusion. It uses the flour, rather than the isolate, as a base. Soy extenders requiring texturing are usually extruded.

After going through one or the other of these methods, soybeans emerge as textured vegetable protein—which can imitate virtually every meat product in existence today and many other foods as well.

ERS researchers point out, however, that while the versatility of soy protein is great, is is not yet the perfect food.

Lacks amino. The meat substitutes may be somewhat lower than beef in one or more amino acids, the building blocks of protein. A better amino acid balance may be obtained by adding amino acids from other sources, mixing with other vegetable proteins, or mixing with meat or other animal products. For most of the U.S. population, soy proteins could replace some meat and there would still be sufficient proteins in the diet from animal sources.

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ERS experts see more of our meat needs being met this way. They predict that by 1980 as much as 20 percent of all processed meat items could be made of vegetable protein.

The big push may well be toward soy extenders.

Cheap and efficient. These extenders are low in cost and can be added to processed meat products. Not only are they less than half the price of meat; they also reduce cooking losses because the soy product absorbs the water and fat that cook out of meat.

In 1971, USDA permitted the use of up to 30 percent soy extenders to meet the protein requirements of some school lunches. The extenders are also showing up in more restaurant and institution meals.

When it comes to the analogs, however, it's a different sotry.

Few meatless meats. Through such prestigious schools as Yale University have been experimenting with meat substitutes made from soybeans in their cafeterias, ERS projections to 1980 don't hold much promise that they will replace meat.

While close to the flavor of the meats they imitate, these analogs are priced at about the same level as meat. Soybean hot dogs, for example, go for approximately $.84 for a can of 10, or only slightly less than what you would pay if you bought the real thing.

Another hurdle is acceptance: It took margarine a long time to make substantial inroads into the butter market. And the habit of including meat in every meal is a difficult one to change.

Still, as meat becomes more scarce, and the price goes up, consumers will look around for ways to offset this increase. And the longer they look at the soybean, the more they could grow to like it.

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Thousands of Daffodils to Mark 1974 Cancer Crusade

When you plan to order fresh cut flowers you usually think in terms of a bouquet or a dozen, but when the American Cancer Society in Pennsylvania makes out its flower order they talk in tons!

The society's flower order is for daffodils, and for this year's Daffodil Day event the figure is eight and a half tons.

"The daffodil was chosen because as one of the first flowers of spring it brings a sense of hope and renewed life," according to Clement Lichty, Lancaster, chairman of the Society's 1974 Crusade in Pennsylvania. "The Society will accept donations for the daffodils to raise funds for programs of research, education and service against cancer," Lichty explained.

"The First Flower of Spring, The Flower of Hope" is the theme of Daffodil Days, which will be conducted late in March. Thousands of beautiful field grown daffodils will be shipped to the State by commercial airlines from the West Coast and distributed by ACS volunteers on Daffodil Days. The flowers will be available individually or in bouquets of a dozen. They will also be available in quantity for those wanting large orders.

According to Lichty, Pennsylvania's flower order makes for some rather impressive statistics.

For example, more than 650,000 flowers or more than 54,000 dozen are in the shipments. Among the biggest boosters of the program are the florists, who are providing expert assistance to ACS volunteers in the program.

"If the flowers were stretched end to end, they would cover the distance between the State Capitol in Harrisburg and the Capitol building in Washington, D. C.," Lichty points out.

In dollars and cents, Lichty predicts donations for the flowers will add between $75,000 and $100,000 to the cancer Crusade total in the State.

Some people believe that if a hen runs into the house it presages a visitor--other than the hen!

SCS Study Shows New Cropland May Be Erosion Prone

Nearly half of the "new" land going into crop production during 1974 will be subject to excessive soil erosion, according to forecasts from the Soil Conservation Service (SCS), U.S. Department of Agriculture.

An SCS field survey shows that 9.5 million acres of forest, grasslands or set-aside acreage will convert to cropland use this year, and that erosion losses on 5.2 million acres of this will be within the allowable loss limit of four tons per acre per year, or less. Erosion losses may be much higher, however, on the remaining 4.3 million acres, according to SCS.

The 9.5 million acres of new cropland are part of the estimated 16 million additional acres that USDA officials predict will be planted this year. The other 6.5 million acres are cropland that was fallow or for one reason or another was not planted and harvested in 1973.

The SCS survey was primarily designed to pinpoint newly converted cropland where critical soil erosion or related land use problems are expected to occur. The most critical of these areas, say SCS officials, is the high plains of western Texas and Oklahoma and eastern New Mexico, where unprotected land and lack of rainfall could produce soil losses from wind estimated at from 50 to 300 tons per acre per year.

In the Corn Belt, about 1.7 million acres newly converted to crops in 1974 may erode severly, mainly from water action. Soil losses on this new cropland could run from 15 to 30 tons per acre per year.

Many other parts of the country also have new cropland acreages that are prone to erosion. They range from the Palouse, in the northwest, to the piedmont and coastal plains of the Carolinas; and from the northern Great Plains to the Rio Grande Valley.

Commenting on the field survey, SCS Administrator Kenneth E. Grant said: "Local conservation districts and USDA technical people are going to have to redouble efforts to help farmers and ranchers to get additional cropland acres under a conservation plan and to apply measures to stop excessive soil erosion. These include crop rotation, strip-cropping, terracing, and contour plowing, as well as newer minimum tillage techniques."

Mr. Grant added that "there are also some acres that chouldn't be used for row crops at all. They ought to be left in grass and trees."

He underscored the need for getting soils and conservation information to farmers promptly to enable them to make sound decisions about the land they are returning to crop production in 1974.

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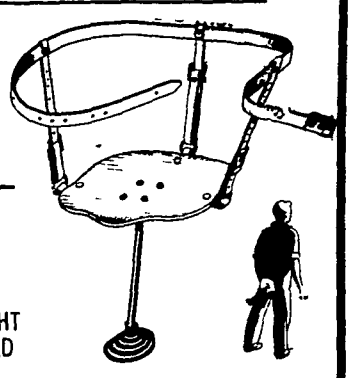

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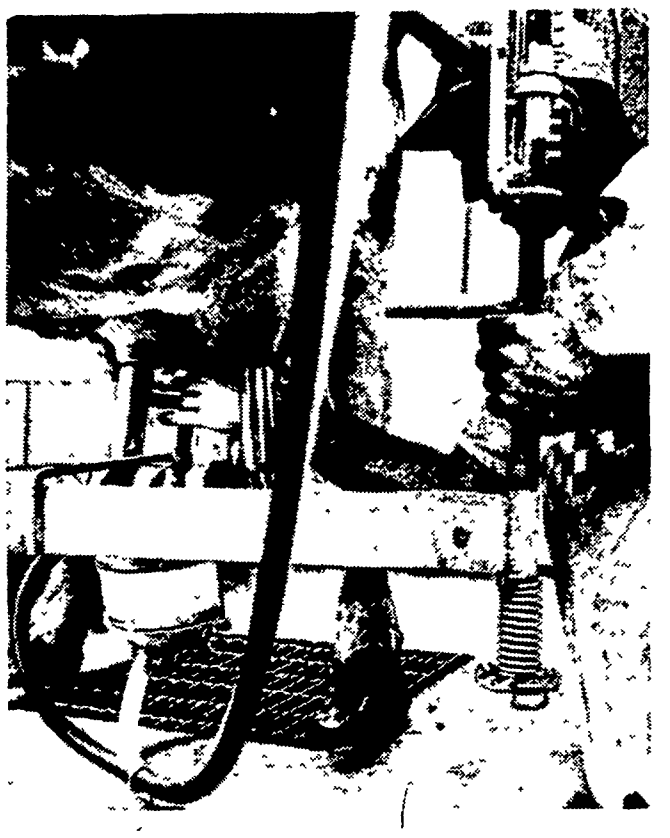

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Energy Crisis: What It Could Mean to Rural Areas

Nonmetro counties weathered the 1969-70 economic downturn far better than the metro areas. They also rebounded more swiftly and more vigorously during the good years of 1971-73.

As for 1974, one ERS economist expects that nonmetro areas will again have sizable employment increases but that the number of new jobs will hinge mainly on the impact of three forces:

√ General softening of the economy now underway.

√ Increasing pinch on industrial capacity and resulting shortages in many materials and supplies.

√ And, last but not least, the energy crisis.

Jobs vulnerable. Recent rural job gains are especially vulnerable because of high dependence on gas and other fuels for production, transportation, and for the movement of people to jobs, shops, and so on. And, many communities could be hard hit because they depend largely for jobs on plastic and other local industries that rely heavily on oil and gas for feedstocks.

If fuel shortages persist or worsen, and prices climb, these industries in particular are likely to feel the squeeze: petrochemicals, leisure-time products, recreation and resort enterprises and nonfood retailing.

In addition, some economists think that tight money will keep 1974 housing starts at a relatively low level, whether or not the industry faces fuel and related shortages.

Brighter side. There are bright spots, however. The following industries will probably benefit in 1974 and succeeding years from the energy crunch: paper and paper products; coal mining; drilling for oil and gas; and industrial construction.

Projected allocations of fuel are expected to assure production, processing, and marketing of increased food supplies in 1974.

The impact of the forces mentioned earlier is already being felt in upward and downward shifts in output and employment.

√ Mining employment in December 1973 was about 39,000 greater than a year earlier.

√ Construction was started on scores of major generating, gasification, manufacturing, and other new plants in 1972 and 1973.

√ The annual rate of housing starts in December 1973 was almost 739,000 units lower than August 1973.

√ Production of synthetic fibers may have dropped as much as 20 percent in the last quarter of 1973.

√ As many as a third or more of employees in plants producing recreation vehicles have been laid off since the spring of 1973.

In brief, here is the situation facing key rural industries, beginning with those for which the outlook is less promising:

Petrochemicals. Special priorities may be needed to prevent serious shortages in drugs and medical and surgical supplies. Increased feedstocks would appear to be required to reverse sharp cutbacks in production of polyester, dacron, and other synthetic fibers.

Also required to restore output would be expanded supplies of propane, both for fuel and as a curing and finishing agent.

Leisure-time products. Sales of recreation vehicles, pleasure boats, and other leisure-time products could be expected to plummet if fuel shortages persist.

Recreation and resort industry. Barring a sharp upturn in gas supplies in the next few months, the brunt of the shortages—borne up to now by winter sport centers—would be expected to shift to summer vacation spots, as well as to the motels, restaurants, and other facilities serving vacationers en route.

Nonfood retailing. Sales forces would be expected to shrink a bit, especially if the economy loses momentum, rising prices take an increasing portion of the consumer's dollar, and families are forced to shop less often because of gas shortages.

Moving to industries with better prospects:

Paper and paper products. Demand for paper and paper products has been exceedingly strong in recent years, and the energy crisis could add to 1974 demand by triggering a switch to paper from plastic film and packaging materials. This industry also is unique in that about a third of its fuel requirements are met by burning bark, sawdust, and other processing wastes.

Coal mining. Because of its abundance, coal could well be the brightest spot in the energy picture for many years to come.

In 1974, however, it will not be easy to boost output to meet existing demand. Problem areas include—continuing labor unrest, difficulties in meeting health and safety regulations, shortages of hopper cars, and controversy over measures to reduce the impact of strip mining.

Drilling for oil and gas. Exploration for oil and natural gas has been greatly accelerated. Currently, however, there are troublesome shortages of rigs, pipe, and other drilling equipment and supplies.

Industrial construction. Many major plant construction and expansion projects are underway, and present signs are that starts in 1974 will continue at about the 1973 level.

Less homebuilding will also ease pressure on lumber and cement supplies. Production of boilers, generators, and other machinery and equipment should be adequate, especially if car makers reduce their demand for steel. But low-profit items, like reinforcing bars and structural steel, may be harder to get.

[Based on special material by Claude C. Haren, Economic Development Division.]

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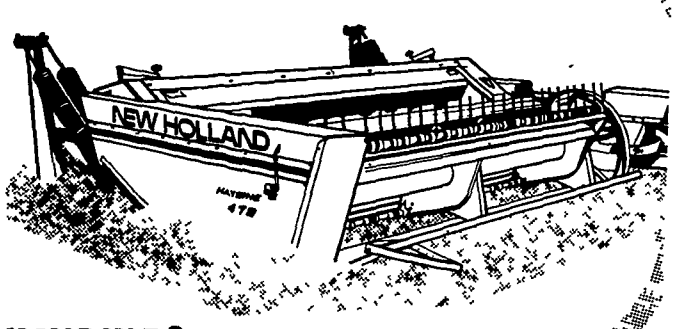

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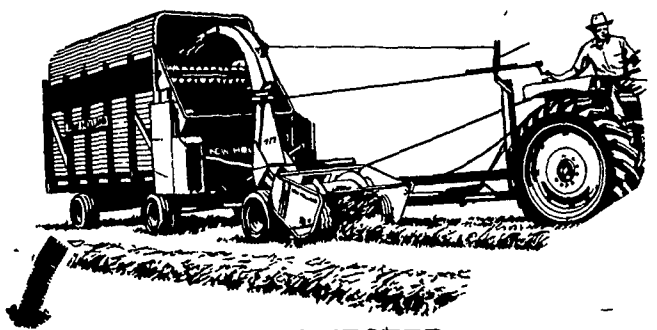
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Credit Needs

(Continued From Page 1)

Then he gave four major decisions of the administration in Washington affecting agriculture and which he said would immeasurably enhance the farming opportunity for young farmers today:

. . . A decision to let American agriculture make its full contribution and go for the full production opportunity which will mean more farming operations.

. . . A decision to let farmers manage their own farms. It is already helping to increase net returns to all farmers.

. . . A decision to let the market work in our economy. This is the strongest possible guarantee that farmers will get the production resources needed, with prices that will cover production costs and provide an attractive life style.

. . . A decision to continue support for the family farm structure.

Prior to the conference, Dr. William Herr, a visiting scholar with the Farm Credit Administration, asked the 100 young farmers to fill out a survey form to help identify the financial situation of young farmers.

Replies were summarized and revealed this composite picture of the young farmer in attendance:

He is 33 years old, married and has four dependents. He has 14 years of education, has a farm background, farms 830 acres and has a general farming operation.

He has assets of $322,000 and debts amounting to $132,000. His off-the-farm income last year was $6,100.

Seventy-two percent obtained their credit from institutional lenders

By comparison, young farmers at a similar meeting in 1963 reported assets of $30,000 and debts of $16,000.

Asked to project their future goals and objectives, the results showed the young farmers intended to boost their acreage (owned, leased and farmed jointly) from 830 in 1973 to 1,270 acres in 1974.

Asked to identify major problems they encountered in beginning their farming operations, 54 of them said – finding land to buy; 53 said obtaining credit and 30 obtaining machinery and equipment.

John R. Brake, Michigan State University agricultural economist, at a general session of "Problems Young Farmers Face in Getting and Managing Capital," said some credit agencies are "not doing as well as they might at this point."

He said they were getting away from some of the traditional collateral requirements.

"When a young guy wants to start on a shoestring, this agency can't help him because they've got to have more security than he can provide. So he buys land on contract, rents machinery, rents silos. All of this is very expensive financing."

Land

(Continued From Page 1)

ments. "Strip development is unsightly and expensive to service," he said, "and there should be some safeguards in the bill to prevent this practice."

Winsor said that his group supported the bill in general, but that if changes weren't made in the roll-back and split-off provisions, they would be "regretfully" compelled to, oppose it.

General agreement with the bill's intent was voiced by a number of farm organizations at the meeting, including the Pennsylvania Farmers Association and the Pennsylvania State Grange. Both organizations, and practically everyone else who presented oral or written testimony, suggested some changes in the bill,

Amos Funk, a Lancaster County farmer and chairman of the Pennsylvania Association of Conservation Districts land use committee, spoke eloquently in behalf of the bill, and recommended its adoption with the five-year roll-back clause. "A five-year roll-back will do a better job than a ten-year roll-back because farmers will be afraid to sign up for ten years. A shorter roll-back will encourage people to participate."

Funk cited the example of a similar act in California which had a ten-year clause, and said it didn't work. "All they got signed up in California was class four, five and six land. They didn't get their best farms under the plan, and California is now losing 800 acres of farmland every day.

"There's a three-year roll-back in New Jersey, and they've succeeded in saving lots of farmland. There are disadvantages to a five-year roll-back and to a split-off provision. But I feel the advantages far outweigh the disadvantages."

"We've been treating land too long as if land is creating the problems. It's people who create the problems," Funk concluded. "It's time to stop treating land solely as an economic unit and start treating it as a non-renewable resource."

In a written statement to the committee, Penrose Hallowell, state director of the Farmers Home Administration, backed up Funk's observation that the short roll-back period was working in New Jersey.

Leonard Strunk, an agricultural economist from Chester County, told the committee that they should stop thinking of the bill as a way to save open space and start thinking of it as a way to help farmers. "Because farmers," Strunk said, "really need help."

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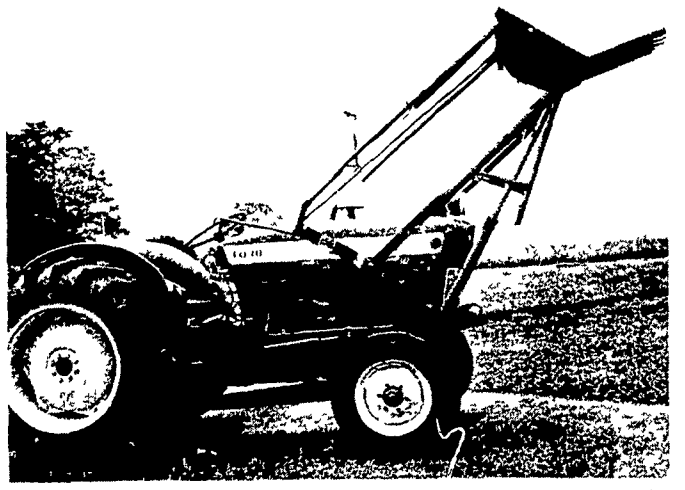

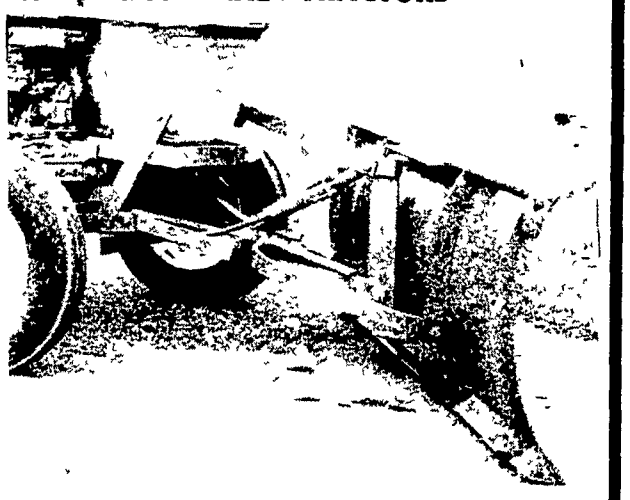

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ED ESHLEMAN'S WASHINGTON REPORT

One of the most important aspects of dealing with the energy proglem is communication. If people are to understand the crisis, they must have the facts. If they are to cooperate in various programs designed to ease the situation, they must be told why and how. And, if they are expected to make difficult sacrifices, they must have assurances that their sacrifices are being shared equally and are doing some good.

That is why I felt a program held recently in the 16th Congressional District had some real valaue. It brought two leading energy policy-makers before local residents to explain the crisis the way they see it and answer questions about local problems. The two experts were Joseph LaSala, Regional Administrator for the Federal Energy Office and William Wilcox, Pennsylvania's Community Affairs Secretary who doubles as the Governor's energy administrator. I participated as the moderator for the meeting.

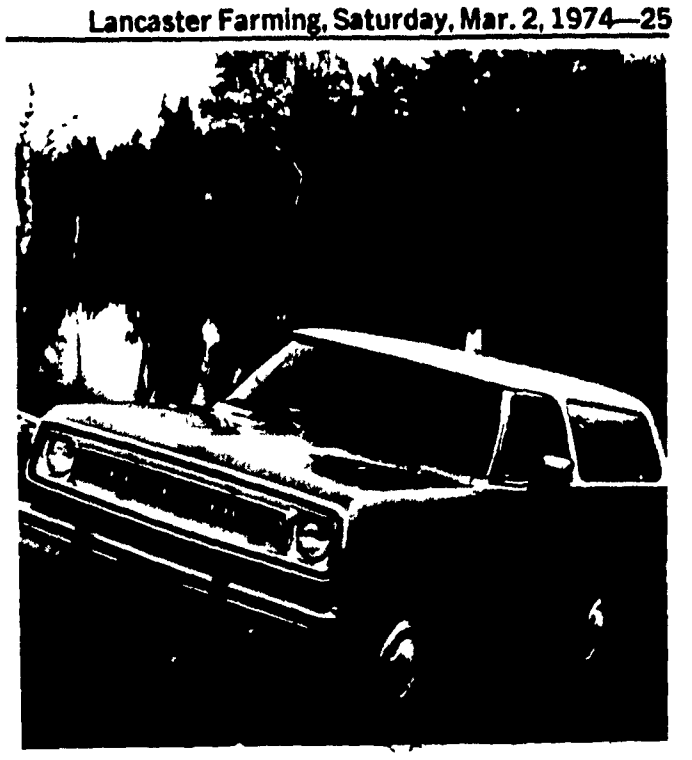
While the session was billed primarily as a chance for businessmen to discuss their problems, there was some information of general interest that came out of the get-together, too.

For example, many people who believe that the energy crisis hit us without warning had to be interested in a June, 1952 statement of the Materials Policy Commission which appeared on literature distributed at the meeting. It said "The remaining reserves of gas and oil that are known to exist in the U.S. are no match for the demands of the next 25 years. Even if oil discoveries and production keep rising for a decade or more – which they may or may not do – U.S. demand may far outstrip domestic production, as it has started to do lately."

Both LaSala and Wilcox expanded on that point by assuring those in attendance that the energy crisis is very real and that alternative sources of power are several years away. Even coal, often looked upon as a short-term solution to some of our problems, was said to be at least 3-4 years away from massive use. Why? The main reasons include the difficulties in opening up abandoned mines, recruiting miners and transporting the coal once it has been extracted.

It was pointed out that there is a big difference between our long-range and short-term energy needs. The short-term situation calls primarily for managing the present shortages – in other words, allocating the short supplies of oil that we have. The long-range need is to develop alternative sources of power so that our dependence on oil will not be so great.

What we are being called on to manage is about a 20 percent shortfall. That means most consumers will be required to get along on about 80 percent of what they used last year.



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Neither man felt that meeting energy needs requires that we backtrack on the environmental advances made in recent years. There can be, perhaps must be, some modifications made in pollution standards, but the whole environmental protection fight should not be abandoned.

One thing clear from all the discussion is that America is being tested by the energy crisis. LaSala quoted Will Rogers on precisely this point. Rogers, said, "When we want steam, we dig a hole in the ground and find coal. When we want oil we dig a hole in the ground. When we run out, we'll find out how good we are."

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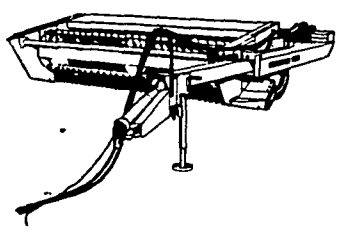

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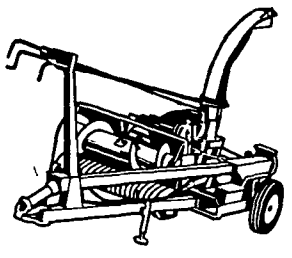

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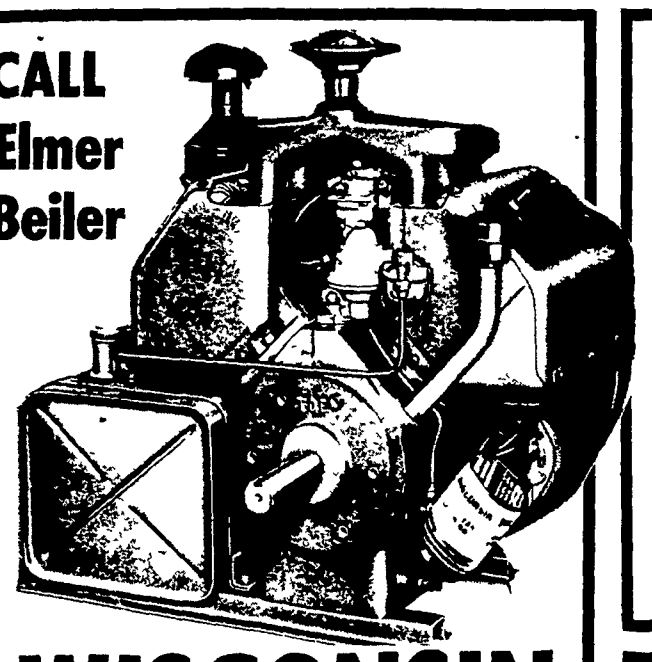

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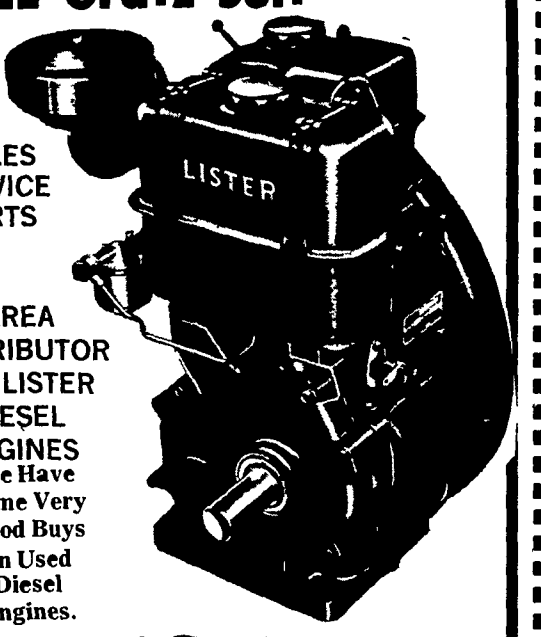

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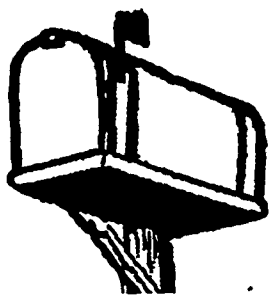

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For Sale - Service age Holstein bull. Dam classified Very Good with excellent mammary, 2 yrs. 6 mos. 346 days 20,344 milk, 4.1 test, 838Fat. Half sister to dam also very good with excellent mammary. Allen D. Rearick, Box 397, Millheim, Call 814-349-5846 collect.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD2, Strasburg, Pa. PH. Ac 717-786-2562

Wanted - Carpenter work. Will build houses, pole barns, cow barns, garages, or chicken houses. Write Samuel S. Lapp Christiana, Pa. Box 274, 17509 or Driver. Phone 529-2841 or 392-9963

Duroc registered breeding stock and crossbred gilts for sale. Production tested and top quality bloodlines. Our herd produced champions at both the '73 State Fall Sale and '73 Keystone International Dutch Valley Farm, RD3, Manheim, Pa. Phone 717-665-6220

For Sale - 15 York Duroc Cross feeder Pigs. Phone 215-445-5898

For Sale - 3 section metal land roller 8 ft. Phone 717-687-6361

For Sale - Clover and Timothy mixed hay, 2nd cutting. Harry W. Johnson, Phone 717-786-2810

Wanted - Horse drawn potato planter. Henry R. Miller, 2714 Creek Hill Road, Lancaster, Pa. 17601

Wanted - Good used roof for a ten ft. silo. Call 354-0293

For Sale - Firewood $20. per pickup load. Phone 717-626-5503

Mail Box Market

Notice - Case steam boiler with pans also 2 Surge units to be sold at David Good's Sale, March 6, 1974

Apple fireplace wood for Sale, ready to cut for fireplace. Call 733-8974

For Sale - Ford Jubilee tractor with Sauder loader and dirt bucket, good condition. Also 2 used 13.9x36 tractor tires. Phone 717-665-4582

For Sale IH 3 bottom 14" plow, 3 pt. hitch, all new shims, shares, and colders, 1 new board. Call 215-793-1419

For Sale - 40 feeder pigs. Weaver Fox, RD1, Leola, Pa. Phone 717-656-7256

For Sale - 3 section harrow; farm trailer; tobacco bale box. Call 445-6944

For Sale - 430 gal Mojonnier bulk milk tank, 300 lb. milk porter (Sputnik), S.P. 22 Surge milker pump, 50 lb. milker unit. Call 215-298-2417

For Sale - Registered V.G. daughter of Milk and Honey Ivanhoe due to freshen to Paclamar Capsule. Best offer. Phone 215-926-2938

For Sale - Cedar fence posts. Also warm morning wood stove $120. Call 445-5234

For Sale - Driving horse, 5 years old standard bred with papers. Benjamin F. Beiler, RD3, Quarryville, Pa., Furnace Road.

For Sale - 2 row pull type corn planter, good condition, $125.00; Hereford heifer, $235.00; Dairy calves on dry feed, $125.00 to $150.00. Phone 717-927-6251

For Sale - 2,000 gal steel tank in good condition, was used for stock molasses. Levi S. King, Route 3, Box 392, Myerstown, Pa. 17067

Lard for sale. Phone 717-626-7076

For Sale - Antique weaving loom - circa 1850 - 2 harness, could be used for carpet weaving $350. Call 442-4601

For Sale - 531 trip 3 bottom 3 point McCormick plow; No. 60 four bottom trip trailer plow; International fertilizer spreader; Morell wheel rake. Phone 653-5775

For Sale - Holstein bulls weighing approximately 350 lbs.; 40 Locust posts, also 40 cement blocks. Call 717-665-6433

For Sale - John Deere Hay fluffer, crop guard 40 grain drying wagon, International No. 5 Flail Chopper. Call 717-385-4998

Wanted - Oliver 70 or 66. Phone 717-529-2516 evenings.

For Sale - Lancaster County grown Clover seed, cleaned and nice. Daniel H. Martin, Stevens RD2, Pa. 17578 at Red Run

For Sale - Two Holstein bulls from over a 300 cow herd. With over 14,000 milk (herd average). Sires are either Bootmaker, Astronaut, or Ivanhoe Jack. Jonathan Z. King, 262 Strasburg Pike, Lancaster, Pa. 17602, one mile south of Rt. 30 (East) ¼ mile north of L. H. Brubaker

Mail Box Market

For Sale - Purebred Irish Setter puppies, no papers, $25. each. Arthur Krall, RD1, Box No. 30, Lebanon, Pa. 17042, Phone 717-949-6836

For Sale - Top buggy in good condition. Phone 859-2960

For Sale - Large tree for fire wood best offer. 1966 Ford Station Wagon good running condition, $250. Phone 687-8240

For Sale - New Holland "68 Hayliner" Baler, good condition, $450. Phone 215-932-8943

For Sale AC corn planter w-insecticide, 3 pt. or snap coupler hitch; D19 AC tractor w-plow. Phone 717-553-1716

For Sale - 20 calf pens. Phone 717-354-9715

For Sale - '69 Ford 250 pickup, V8, 4 speed, 50,000 miles, 1 owner. Phone 215-384-2415

For Sale - New Idea 7 ton wide track wagon, brand new with tires. Will trade for 8,200 lbs. good ear corn. Phone 717-786-7518

For Sale - Yearling Registered Holstein Bull, son of Skokie Farmous Duke and V.G. Cloverbrook Prince daughter with DHIA 21,053 milk 750 Fat. Phone 717-264-7797

For Sale - S.C. Case tractor with 2 row cultivators; John Deere semi-mounted 4-14 plow, both in good condition. Phone 215-944-7403

For Sale - Clover and Timothy hay at the farm. RCA record player, AM-FM Radio stereo, G. E. black and white TV. Phone 367-6064

For Sale - 5 feeder Holstein Bulls, weighing 200 to 300 lbs. David S. Smucker, RD2, New Holland on Tabor Road.

For Sale - Milk tank compressor 3 HP, used 15 mo. complete. Cheap. From Nine Points south to Andrews Bridge turn right, 1st lane left. Christ F. King, Christiana RD1

For Sale - Purebred Holstein Bull, 23 months old, Sire Curtiss Successor, Dam-VG daughter of Ivanhoe. Horace L. Prange, Cochranville, Pa. Phone 717-529-2396

For Sale - Feed carts made to order. B. John Stoltzfus, Gap RD1, Millwood Rd.

For Sale - Registered Shropshire Sheep. Rams, Lambs, and ewes. Large flock from which to choose. Warn Menhennett, Cochranville. Phone 215-593-5726

For Sale - Landrace and Duroc Boars and Gilts, 100 lbs. and up. Bred Gilts, purebred or Crossbred on order. Harold Mummert, 6 miles south west of York. Phone 717-741-2170

Wanted - 2 or 3 ton feed bin. For Sale - 16" steel bottom trailer plow. Jonathan S. Esh, Box 400, Ronks RD1

For Sale - Grade cow due in April is on test. Elmer F. Fisher, Ronks RD1, Pond Road.

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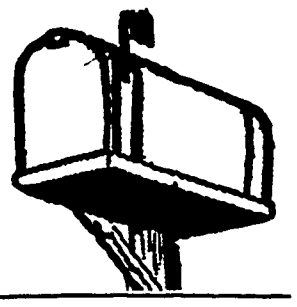

Mail Box Market

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

For Sale - One 108 amp. Forney Welder with battery charger. One VanDale silo unloader, good condition. Call 717-665-2962

For Sale - New Holland single beater manure spreader No. 327, good condition. Gerald Mantell, Narvon RD2, Pa. 17555, Phone 215-273-3236

For Sale - 4 new bale side wagons with 8 ton running gears. 1 wagon with new sides and slightly used running gear (save). Call 215-682-6441

Mail Box Market

For Sale - Fox Max-1 S.P. Harvester with 3 row narrow corn and hay pickup attch., used 2 seasons, priced to sell. Phone 717-786-3521

New Idea Crimper to be sold at the Gordonville Fire Company Sale on Saturday March 9.

Wanted - Grass head for New Holland Model 611 Harvester. Phone 354-7275

Help Wanted - Woman to live in with elderly widow. Must drive. New home on farm. Plain woman preferred. Write John Farrington, RD2, Lititz, Pa. 17543

Copease Duplex Photocopier and a No. 12 Jewel Pot belly stove, slight crack in top. Call 215-267-5796

For Sale - New Idea tobacco planter, also No. 10A New Idea manure spreader. Reuben F. Esh, Gordonville RD1 at Newport Repair Shop

For Sale - International No. 450 automatic reset plow, 3 pt. hitch, 4 bottom, 4th bottom can be removed, excellent shape. Phone 717-898-7233

Wanted to Buy - Fast hitch for Super C IHC, complete and in good condition. Phone 215-593-5444 evenings.

For Sale - Blacksmith anvil $65.00. Pottery bed and footwarmer Pat. Dated $60.00. Old barn timber drilling machine $38.00. Call 717-273-7054

Mail Box Market

For Sale - Peach Bottom Slate old hand cut logs. Benj. K. Swarey, along Little Britton Road, Peach Bottom RD1, 17563

For Sale - Pasture grass hay and Alfalfa timothy hay. Phone 717-284-4749

Livestock For Sale

Wants to Buy - Farm Properties with development potential. 30 acres to several hundred acres. Howard Goss, Office 761-6113. Home 737-2234

For Sale - 40 open Holstein Heifers, purebred and grade, 14 month old and younger. Daniel B. Stoltzfus, Lewistown RD2, Pa. 17044 or call 717-242-0776

15 head of Horses and Mules will be sold at the Gordonville Fire Company Sale, Sat. March 9th. Consigned by David B. Stoltzfus and Ted Cardwell, Phone 687-7583

Yorkshire service age boars - Unrelated bloodlines. Delivery Available.
LEON L. ARNOLD
Lebanon, Pa. 17042
Ph: 717-273-5880

Need Extra Income? Raise hogs on contract. Phone 717-442-4632 daytime

Wanted - Registered and Grade Holstein Heifers or sound cows which will calf within 8 weeks.
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Mount Joy, Pa. 17552
Phone 717-653-4591

Livestock For Sale

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

For Sale - Feeder Pigs, 12 approx. 35 lbs., 12 approx. 60 lbs. Benjamin F. Beiler, Route 1, Box 378, Wilson Rd. west of Nine Points, Christiana, Pa.

For Sale - Registered Bull, 13 mos. old, Dam Hilltop Apollo Ivanhoe Dtr. w-records of 21,000 Milk, 945 Fat as a 3 yr. old. Sire Paclamar Triune Complete. Amos S. Stoltzfus, Bird-in-Hand RD1, Box 515 along Beechdale Rd.

For Sale - 12 Holstein feeder steers about 250 lbs. Phone 215-252-6665

For Sale - Horned Hereford range bulls. Write or Call Lauxmont Farms, RD1, Wrightsville, Pa. Phone 717-252-1525

Custom Work

POTATO HAULERS - Insulate bottom of your trailer with Sprayable Urethane Foam and eliminate frozen product and added weight due to water pickup.
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For Sale - 125 acre farm in the midst of growing community. A great potential for almost any investment. Business, horse farming, development, dairy farm or beef etc. Two large silos, large steel barn 80' x 124'. Immediate possession available. John Ressler, RD1; Glen Rock, Pa. 17327 Phone 717-235-3447

Wanted to Buy - 1 to 10 acres of land for single dwelling and truck patch, also ¾ to 5 acres for single dwelling in rural area. Call collect 302-478-1448

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Auctions

PERFORMANCE TESTED BULL SALE - Friday-March 29, 1974-1:00 P.M. Approximately 50 Angus, Charolais, Chianina, Hereford, Polled Hereford, Red Angus, Shorthorn, and Simmental bulls will be sold at the Pa. Meat Animal Evaluation Center, Penn State University, University Park, Pa. Plan your future with a tested bull.

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SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Abram K. Fisher, Jr., Manager. 717-768-8378

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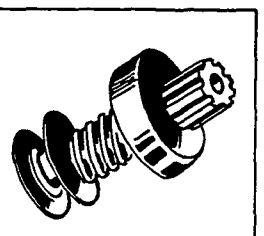

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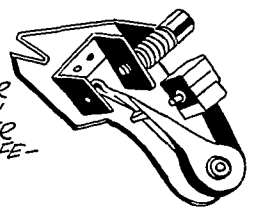

Lancaster Farming Photos for Sale

If you'd like prints of any Lancaster Farming photographs, we'll be happy to make them for you. To order, just complete the form below and mail or bring it to: Photo Department, Lancaster Farming, 22 E. Main St., Lititz, Pa 17543

The photo I want appeared in the Lancaster Farming dated_____. It was on page_____, and the caption begins:

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I would like to order the following prints:

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_____	4x5	$1.50	_____
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Do You Want To Use Our Farm Calendar?

We're happy to print Farm Calendar items for non-profit, farm oriented clubs and organizations. If your group is planning something you'd like to see in our calendar, write us a note or use this handy form to tell us about it. All items, of course, are subject to editorial review and space limitations.

Organization Name .....

.....

Function title (Annual Meeting, Show, etc.)

.....

Date ..... Time ..... a.m. p.m.

Address for function .....

.....

Other Information: .....

.....

.....

.....

.....

.....

Name, address and phone number of person submitting item (must be included for item to be considered):

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MAIL TO: Farm Calendar
Lancaster Farming Newspaper
22 East Main St.
Lititz, Pa. 17543

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HAY MACHINES
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Agriserum increases health, protein and minerals tremendously for very little cost because earthworms and soil bacteria multiply and work for you free. They go on strike only when you poison them.

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Free visit and delivery. Reasonable distance.

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P.S. Go to Pa Organic Farmers and Consumers organization (POFCO) meeting at Pa Dept of Agriculture Building, room 309, (across street from Farm Show Building) on March 5, at 1 p m and 7 p m A very successful organic agriculture teacher from Indiana will speak with 23 years experience in overcoming soil, plant and animal diseases and problems For more information or tran sportation call Paul Hartz at Morgantown 215-286-5268

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158 acre dairy farm, 25 miles south of State College, 100 free stalls, double six Herringbone parlor, DeLaval pipeline milker, 4 silos, bunk feeder, beautiful plank home, early 1800's, 5 fireplaces.

135 acre dairy farm, 12 miles west of State College, 2 barns, one 52 comfort stall barn, pipeline milker, bulk tank, 2 silos, 17 room house (original log), pond, $135,000

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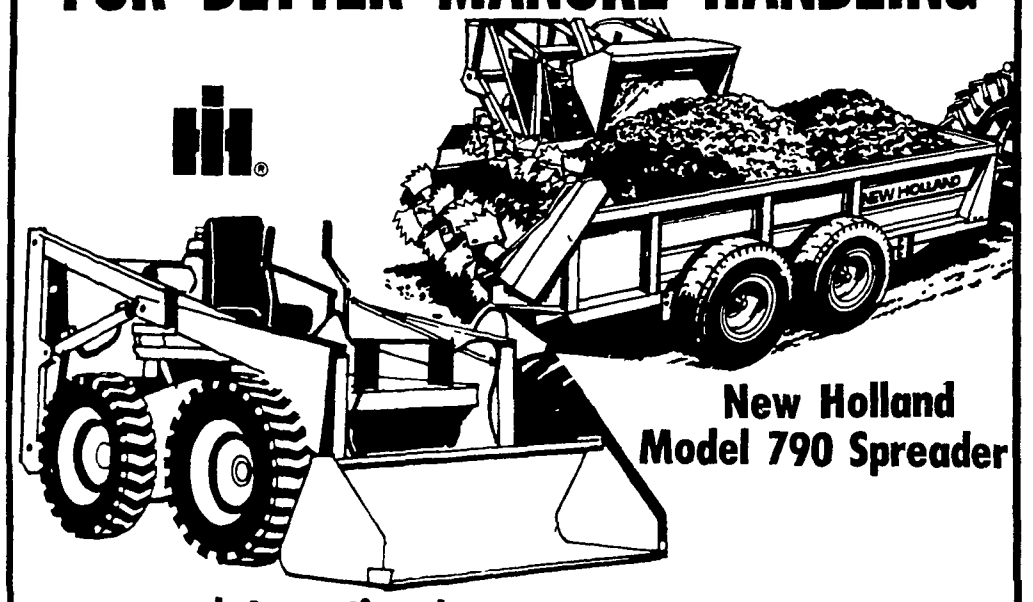

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Second Yr. College Ag Student desires work on a production farm in Lancaster County, Summer 1974. Home is in the Ephrata Area. Write: David L. Gerstenlauer, 308 Pinchot Hall, University Park, PA 16802.

New and used wooden silos sold, built and repaired. Stationary silo pipes and spreaders installed on any type silo. Write Daniel S. Stoltzfus, Narvon RD2, 17555, Phone 354-5181

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For Sale - Clover Seed, home grown. Phone 717-235-1681

Hay for Sale. Meadow Grass, Good condition, $30.00 per ton. Phone Lewisburg 524-9551

Feed & Seed

Wanted to Buy - Soybeans. Phone 717-786-3435

For Sale - Penn Scott Clover Seed, home grown, Phone 548-2618

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Wanted - Full time sanitation and clean up man. Hours 11:30 A.M. to 8 P.M. Monday thru Friday. Good benefits. L. M. Sheaffer Co., 116 West Chestnut St., Ephrata, Pa. Phone 717-733-2256

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For Sale - 25 milk cans $11.00 each; one 3 H.P. Lehigh Compressor. Amos K. Esh, Route 1, Paradise, Pa. 17562

200 gal. Girton, good condition.
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1 No. 68 N.H. Baler, good condition;
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1 Int. 8 ft. disc harrow;
1 3 section Int. spring tooth harrow;
1 Int. 2 row corn planter;
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I need Purebred and extra cute mixed breeds in litter lots, 7 to 10 week old. Must be clean and healthy. Contact "Jo Jo the Dogman" at Root's Farmers Market, RD1 Manheim, Pa. Every Tuesday 4 P.M. to 8 P.M. No Phone Calls.

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Dairy Equipment

For Sale - 300 gallon Girton bulk milk tank with unit. Phone 215-267-6491

Farm Equipment

NOTICE

These items will be sold at Ivan Hoover's Public Sale, Narvon, Pa. on Friday, March 8, 1974; Pickup head for New Holland harvester Super 717, 26 ft. Smoker elevator, farm trailer with 14 ft. bed, 2 row tobacco hoer for Farmall 200, silage sides for 130 bu. New Holland spreader, John Deere 3 pt. tool bar with 7 teeth. Consigned by Alvin Horst.

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400 Farmall Diesel
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JD 830 tractor
JD 165 3 pt. backhoe

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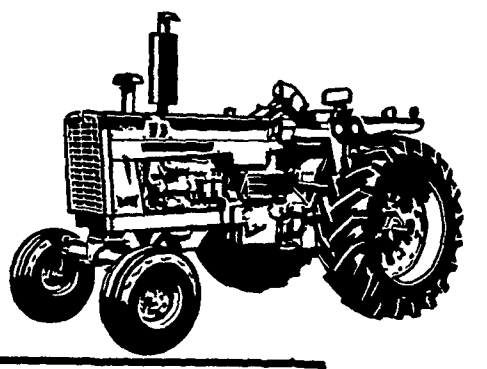

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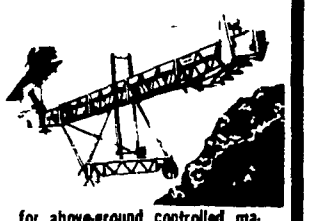

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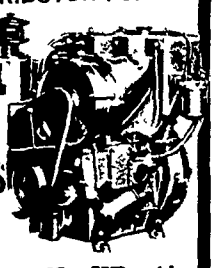

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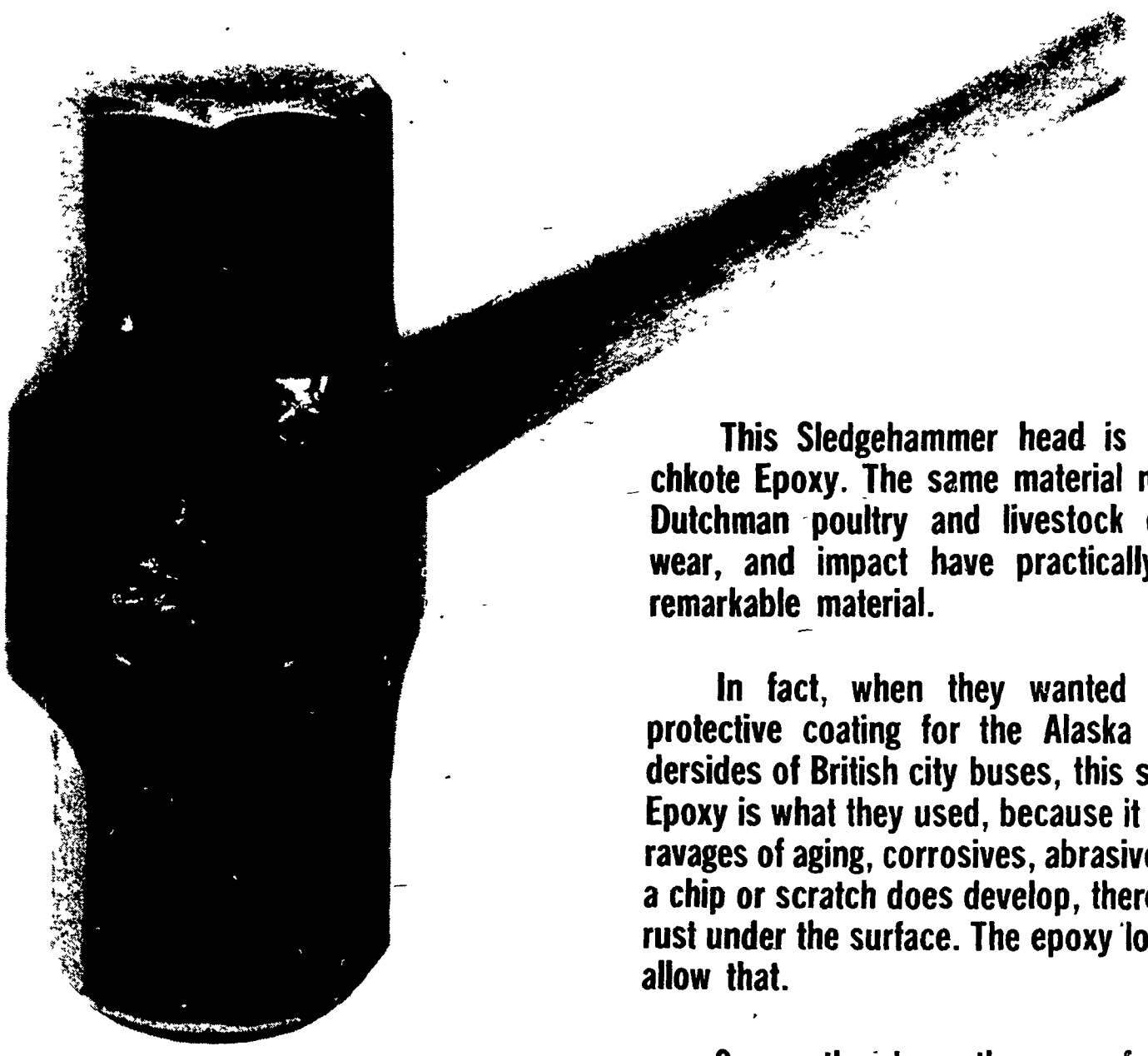

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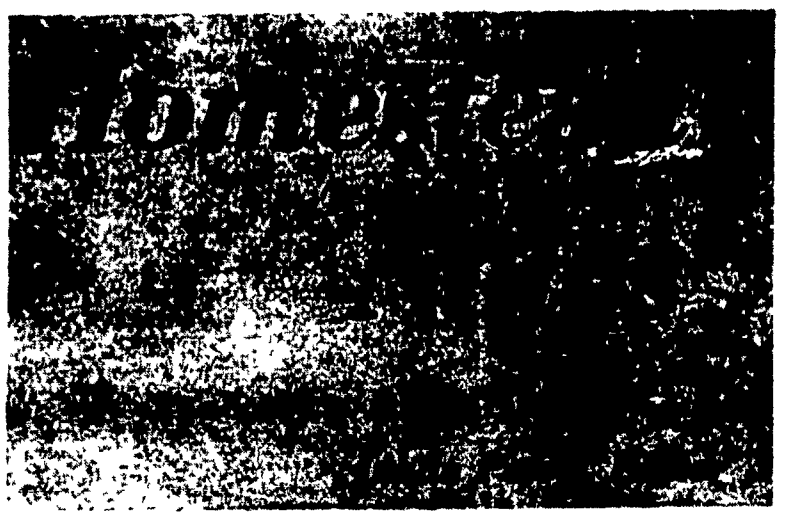


Doris Zimmerman . . .

Hats Off to this Community Service Volunteer

March being American Red Cross Month, our hats are off to a Red Cross volunteer, Mrs. John R. (Doris) Zimmerman, Ephrata RD1. She serves as an aide at the Ephrata Hospital every Thursday from 6 to 9 p.m. and also substitutes for others. She has been doing this for ten years. Her duties as a Red Cross aide include delivering mail and flowers to patients, filling water pitchers and giving bedtime snacks.

Mrs. Zimmerman also works as an X-ray porter, taking patients to be X-rayed. She usually does this Tuesday and Wednesday from 8 a.m. till noon. She says "I look forward to going there. It makes you thankful you have a healthy body."

Doris was chairman of Ephrata Township for the cancer drive one year and helps solicit for the drive nearly every year. She doesn't do volunteer work for lack of something to do, because she is a busy homemaker, farmer's wife and mother. Perhaps it is because she always had the desire to be a nurse but being the oldest of five girls she helped her father, Henry Fox, Ephrata RD1, with his farm work instead.

Mrs. Zimmerman still works out on the farm. She helps her husband with plowing, disking, driving the tractor to the baler and brings silage in to the steers. Their farm is operated entirely by their family.

Zimmermans 60 acre farm, known as J-Dee Farm, is located on Stevens Road in Ephrata Township. It is a very picturesque farm with its level ground and well kept buildings. They also rent 55 acres. They grow 85 acres of corn and the rest is planted in wheat and barley. John's parents who lived on this farm 30 years, raised steers and kept 600 laying hens. John and Doris used to raise six acres of tobacco and kept 600 laying hens. They feed about 700 head of steers a year, so must buy some grain. They have one 10 by 50 foot upright silo which is used for high-moisture corn and four 40 by 100 foot trench silos. John also drives a cattle truck for Ken Wenger of Akron. He hauls cattle to the stockyards and goes to Virginia for cattle, in fact he gets most of his steers that he finishes in Virginia.

Zimmermans have three children. Nancy took a business course and graduated from Ephrata High School in 1971. She is a secretary for Feedmobile, Inc., Lititz. She plans to be married in early summer. Nancy plays the piano, and was in 4-H sewing four years and is an expert seamstress. She is making her own bridal gown and her sister's gown for the wedding.

J. Ronald, 15, is in ninth grade at Ephrata High School. He is vice-president of the Freshman Ag class and is on the wrestling team. He played trombone in elementary and junior high school band. He is vice-president of the 4-H tractor club. He is a strong boy and good help on their farm. He is a junior member of the American Shorthorn Association, and enjoys hunting very much.

Mrs. Charles McSparran

Judy, 12, is in seventh grade in Ephrata junior high school. She is interested in crafts. She embroiders and is learning to knit. She belonged to the craft club at school and recently joined the tennis club. Judy beds the steers and helps in the field.

The Zimmermans are very active in the Red Rose Baby Beef Club. John is one of the twelve leaders in Lancaster County, being leader for theEphrata area. All three children have been in it. Ronald and Judy still are.

John is co-chairman of the 4-H baby beef committee at the Ephrata Fair. Mrs. Zimmerman helps in the show ring and stays with the baby beef exhibit. Nancy does the typing for the steer show at the fair. The three children have received several trophies for their animals exhibited at the fair. Nancy received a third place troppy in 1971 and a first in showmanship and a first in fitting in 1972. Ronald had the grand champion Angus in 1973 and placed second in fitting. Judy had reserve champion and placed third in fitting in 1973 with her Hereford.

They have also exhibited at other shows. Nancy placed first at the Keystone Exposition, Judy third and Ronald fourth in November 1972. At the Timonium fair, just a week apart, Ronald placed first with a crossbred steer and Judy first with her Angus. Judy had the reserve champion Hereford baby beef at the Pa. Farm Show in 1973.

John is active in Ephrata Young Farmers. He is vice-president this year and was treasurer. They meet once a month and have special classes once a week in the winter. They have a banquet, a home-made ice cream party in the summer and a ladies night. Zimmermans go to the Pa.

Mrs. John R. (Doris) Zimmerman, Ephrata RD1, a Red Cross Volunteer, delivers mail to patients at Ephrata Hospital.

Young Farmers picnic. Last year it was in Adams County and the year before in Indiana County. John is also a member of the Pennsylvania Farmers Association. They go to the county Farmers Association picnic in the summer.

Zimmermans are members of Indiantown Mennonite Church. Doris is very active in her church sewing circle and is also the secretary. They make a number of quilts for the Morgantown Relief Sale. They get together once a month or more to quilt. They sell their quilts at the Mennonite Central Committee center. The MCC is located near the Ephrata Hospital and sells clothes. They also send clothes to Appalachia, overseas to South America, Haiti, etc. All the money received from selling things is used to buy food, purchased through the government. They have five or six quilting frames at the MCC and church members also go there to quilt. Doris helps bale clothing there for shipment. Doris teaches a junior mothers' Sunday School class, alternating with another teacher. John is head usher and Nancy is president of her youth group.

Doris was treasurer of Lincoln PTA two years and is chairman of their ways & means committee this year. She helps take the census of Lincoln School District. This is volunteer work and the money for this service goes to the PTA. Doris says "I enjoy that too. I've done it for six years."

Mrs. Zimmerman raises and sells sugar peas, Stoles Evergreen and Silver Queen sweet corn and strawberries at their farm. She freezes a lot of vegetables and beef and cans beans, tomato juice, pears, peaches and cherries.

She and the children take care of the lawn. She likes flowers and plants such annuals as petunias, geraniums, marigolds, zinnias and cockscomb. She also has tulips and roses.

Zimmermans like to travel. They have gone to Florida twice, to Colorado and Vermont.

Doris' main hobby is baking with yeast. She keeps a supply of sticky buns on hand in her freezer to serve on quick notice. She likes to cook. She entertains with family dinners for Thanksgiving, Christmas, New Year's Day, summer picnics and chicken barbecues.

She is a good seamstress. She was in 4-H sewing a couple years but learned mostly from her mother. She is making her gown for Nancy's wedding.

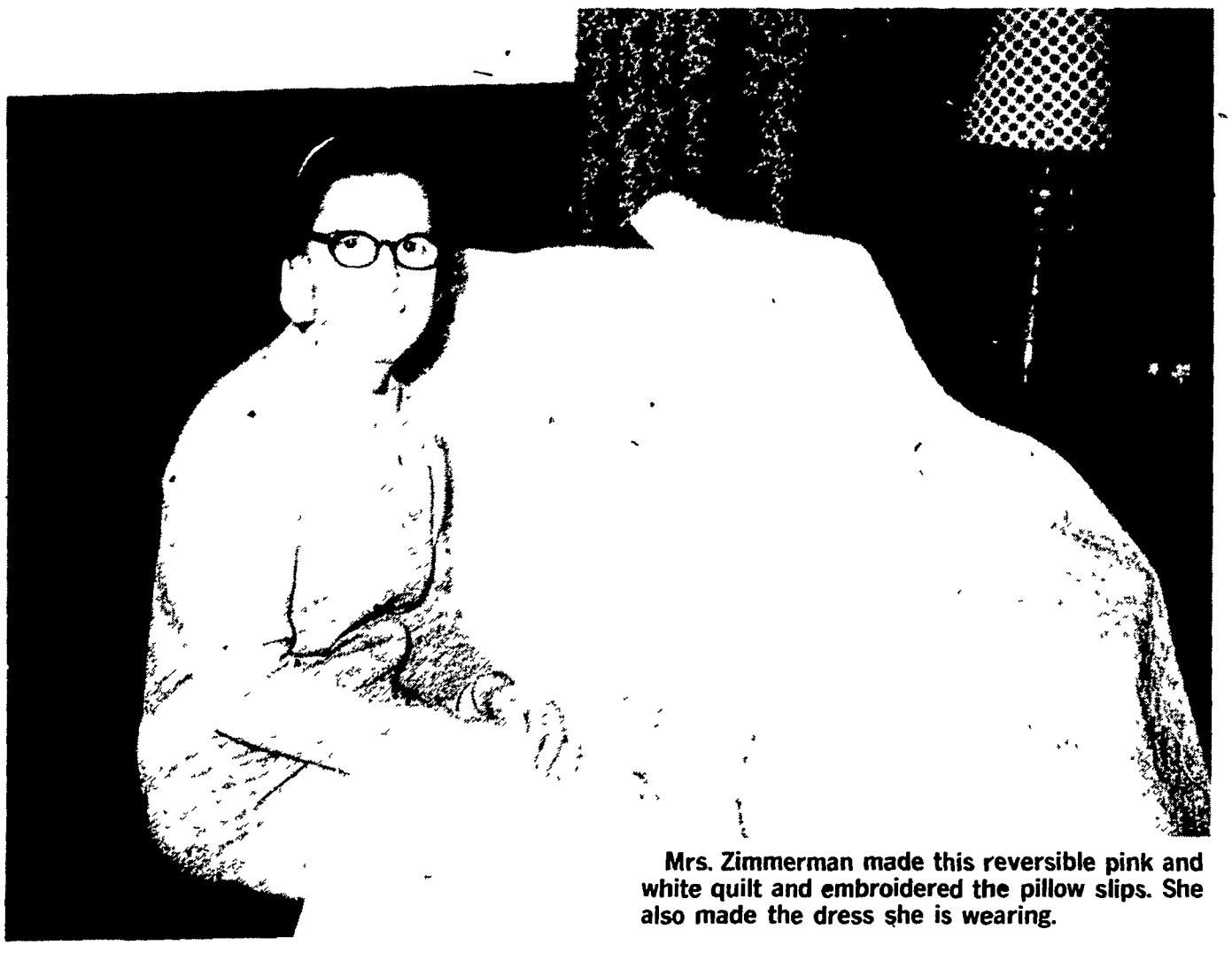
She enjoys reading good novels and stories, likes to embroider pillow cases and scarf sets, and also enjoys ice skating and sledding with her children.

Here are some favorite recipes of the Zimmerman family:

Beef Swirls

1 pound ground beef
1 cup fine fresh bread crumbs

(Continued On Page 36)



Mrs. Zimmerman made this reversible pink and white quilt and embroidered the pillow slips. She also made the dress she is wearing.

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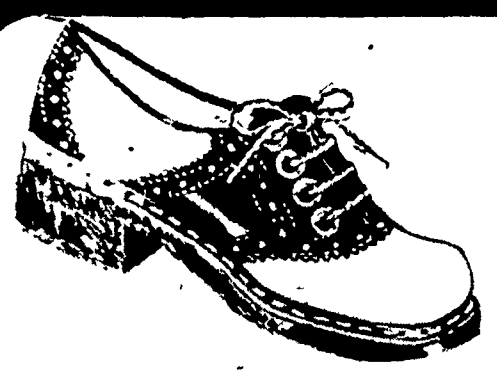

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Hats Off to Volunteer

(Continued From Page 34)

¾ cup cheese
¼ cup chopped pepper
¼ cup grated onion
1 teaspoon Worcestershire sauce
1 teaspoon salt
⅛ teaspoon pepper
1 egg, well beaten
½ cup condensed tomato soup

1. Combine bread crumbs etc. (everything except meat)
2. Press beef into shape of a rectangle on a piece of waxed paper.
3. Spread with mixture; roll as for a jelly roll, using waxed paper as backing to start the roll.
4. Cut into 6 equal parts and place in a shallow pan.
5. Add remainder of can of soup and bake at 350 degrees for 45 minutes.

Steak and Potato Casserole

2 pounds potatoes
2 pounds round steak
Salt and pepper
1 medium onion sliced
½ pound small mushrooms
2 bouillon cubes
1½ cups boiling water
1½ cups tomato juice
1 teaspoon salt
¼ teaspoon pepper
½ teaspoon oregano
2 tablespoons parsley

Peel potatoes, slice thin and cover with water till ready to use. Cut meat in serving pieces, sprinkle with salt and pepper. Fry in hot fat until browned. Put meat and potatoes in casserole. Mix together sliced onions and mushrooms. Dissolve bouillon cubes in the hot water and add all the rest of ingredients.

Cover and bake at 350 degrees for 1½ hours.

Frozen Salad

3 cups raw cranberries (ground or put through blender)
1½ cups sugar

Stir into 2-3 cup pineapple (1–8 ¾ ounce)
½ cup walnuts

Mix 8 ounce cream cheese till softened. Add 1 cup heavy cream whipped or 1½ cups cool whip.

Freeze. Remove from freezer a few minutes before serving.

February's Favorite Pie

Pastry for single crust pie
1 can cherry pie filling
2 eggs beaten
½ cup sugar
¼ cup melted butter
2 teaspoons lemon juice
¼ teaspoon vahilla
½ cup flaked coconut

Spoon cherry filling into unbaked crust. Bake in a 375 degree oven for 30 minutes. Combine remaining ingredients and carefully pour over cherries. Return to oven and bake 20 to 25 minutes longer.

Apple Oatmeal Dessert

4 cups apples
¾ cup sugar
1 tablespoon flour
⅛ teaspoon cinnamon
Pinch salt

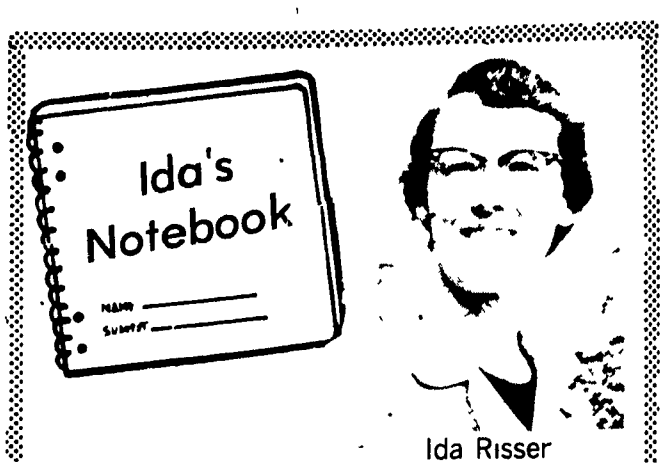
Topping:

½ cup butter
1 cup rolled oats
¾ cup flour
½ cup brown sugar
1 teaspoon baking powder

Melt butter, add oats, flour and brown sugar and baking powder. Bake at 375 degrees for 30 minutes.

Delicious Drink

1 can (1 quart. 14 ounce) citrus cooler (Hi C)
1 can (12 ounce) frozen lemonade
1 can (6 ounce) frozen orange juice
1 quart gingerale



Ida Risser

Having just finished a five year term as an active deacon in our church, I'm often asked what will you do with your extra time. I don't expect that to be a problem as there are always relatives and friends who need a helping hand.

Keeping membership records for 1600 people took quite a bit of time. Our congregation has a continual flow of new members, but also loses many who are transferred to new jobs. This, in addition to new addresses, gave me and my typewriter a busy time.

Someone else will be filling the communion glasses, delivering flowers to the sick, serving coffee at new member receptions and attending planning meetings. One thing I've surely learned is that the work of the church doesn't get done by only attending services on Sunday mornings. My husband often says the only hands the Lord has are "our hands."

xxx

When I see the variety of things which my daughter drags to school, I can't see how she would ever walk the mile to the bus if I didn't drive her there.

One morning it is a big French cookbook and typed French word puzzles. Next time she begs some of my dried weeds and flowers for an arrangement in art class. Then again the heavy bookbag is stuffed with three or four library books. I don't know how she keeps track of everything including her gym clothes, the flute and music books, plus a lunch box.

Of course the 10 year old isn't the only one receiving an education on an assortment of subjects. Our son spends a lot of time running the projector to show films in his school. He also makes tapes of seminars. Several first-aid courses have been taken by our children. In their free periods, they learn everything from playing bridge to marksmanship. With this background, let's hope they can pick a career they'll enjoy.

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At Home On The Range

We have received an answer to our request for dill pickles. In addition, we have many other readers who have written in, looking for your recipes for: A variety of one-dish meals, with ground meat or sausage as the basis; casseroles or stews. Another reader needs a good recipe for bread filling or stuffing. She says hers always seems to turn out too dry or too soggy. There must be a trick to making good stuffing, because I seem to have the same problem.

A recipe for chocolate shoo-fly pie - got one? Send it to "Recipes" Lancaster Farming, P.O. Box 266, Lititz, Penna. 17543. We are glad to hear so many of you enjoy Home on the Range. Keep your recipes coming in, and we'll keep people happy.

Dill Pickles

2 teaspoons dill
A little garlic salt
1 tablespoon salt

Cut medium size pickles in strips and fill jar. Put salt, garlic and dill in jar and fill one-half full of vinegar. Then fill jar with water. Put in hot water bath until water is boiling good all over. This recipe is to fill one quart jar.

Mrs. Ivan G. Martin
Ephrata RD2

xxx

Sandwich Spread

8 cups grated pickles
1 cup onion

Let stand one hour, drain, then add:

2 tablespoons salt
¾ cup vinegar
¾ cup water
3 cups sugar
2 teaspoons celery seed
1 teaspoon celery salt
1 teaspoon powdered tumeric

Boil 20 minutes. Pack in jars,andseal.

Mrs. Henry F. Fisher
Bird-in-Hand RD1

xxx

Saucy Sanwich Rolls

1 pound hot dogs (ground)
1 medium onion, chopped
3 tablespoons bacon fat
¼ cup flour
¾ teaspoon salt
Dash pepper
½ teaspoon each dry mustard and Worshestershire sauce
½ cup each catsup and water
1 cup chopped celery

Combine ingredients and cook.

Mrs. D. S. Stoltzfus
Kinzers

xxx

Casserole with Leftover Beef

2 cups cooked macaroni
2 cups sliced cooked beef
1½ cups beef broth
1 teaspoon salt
¼ cup minced onion
1 cup grated cheese
1 cup canned tomatoes

Cook macaroni and put in greased casserole. Add beef to broth and make a gravy. To the gravy add salt, onion and tomatoes. Cook five minutes, then pour on top of macaroni. Sprinkle grated cheese on top and bake at 350 degrees for 30 minutes.

Mrs. Walter Wise
Womelsdorf, RD1

xxx

Sausage and Kraut

Boil sausage (or it can be browned first if you like). Add water to cover and add kraut and cook for ¾ hour or till done to taste. Serve with mashed potatoes.

Mrs. Ira Davis
Quarryville

xxx

Banana Bread

2 cups mashed bananas
3½ cups flour
1 teaspoon salt
3½ teaspoons baking powder
4 eggs
½ cup shortening
1 2-3 cups sugar
Nuts, if desired

Sift together flour, salt, and baking powder. Cream shortening and sugar, add eggs and mix well. Add flour mixture and bananas. Bake at 350 degrees 60 to 70 minutes.

Mrs. Daniel L. Lapp
Ronks

xxx

Pumpkin Torte'

24 graham crackers, crushed
1-3 cup sugar
½ cup butter
2 eggs, beaten
¾ cup sugar
8 ounces cream cheese
2 cups pumpkin
3 egg yolks
½ cup sugar
½ cup milk
½ teaspoon salt
1 tablespoon cinnamon
1 envelope plain gelatin
¼ cup cold water
3 egg whites
¼ cup sugar
½ pint cream

Mix crackers, one-third cup sugar and butter, press into 9 x 13 inch pan. Mix eggs, three-fourths cup sugar, cream cheese and pour over crust. Bake 20 minutes at 350 degrees. Cook pumpkin, egg yolks, one-half cup sugar, milk, salt, and cinnamon until thickens. Remove from heat and add gelatin dissolved in cold water. Cool. Beat egg whites, one-fourth cup sugar, and fold into pumpkin mixture. Pour over cooled crust. Top with whipped cream.

Erla Martin
Lititz, RD1

xxx

Keufels

1 cup plus 2 tablespoons flour
½ cup margarine
3 ounces cream cheese

Mix same as pie crust, but don't add any water, then press on bottoms and sides of muffin tins.

Fill with the following mixture:

1 cup brown sugar
1 egg, beaten
2 tablespoons margarine, melted
¼ teaspoon salt
1 teaspoon vanilla
¾ cup chopped nuts

Bake at 350 degrees for 20 minutes.

Mrs. Elam K. Fisher
Quarryville RD3

xxx

Applecots

Drain:

1 no. 2½ can apricots, reserve syrup

Pare:

2 medium apples and cut each into nine pieces

Sift:

2 cups flour
2 teaspoons baking powder
1 teaspoon salt in large bowl

Cut in:

2-3 cup shortening until the size of peas

Add:

½ cup milk, stir dough until it clings together

Roll:

Dough out as thin as for pies and cut into 6x6 inch squares

Place:

3 apple pieces and 2 apricot halves and 1 teaspoon butter in center of each square, fold corners to center and pinch together.

Syrup

Combine:

1¼ cups apricot syrup
½ cup sugar
¼ teaspoon cinnamon

Bring to a boil and add 2 tablespoons butter. Pour over applecots before baking. Bake at 375 degrees for 15 minutes, then at 350 degrees for 20 to 25 minutes. Serve warm with milk.

Mrs. Walter Wise
Womelsdorf RD1

Auxiliary Plans Country Fair, Flower Mart

The Solanco Auxiliary of Lancaster General Hospital made plans to hold a Country Fair and Flower Mart at their recent February meeting held at the Quarryville Borough building. The plans were made in anticipation of coinciding with the opening of the new Family Health Center in Quarryville. The flower mart will be held in the vicinity of the new medical building on Friday, May 10, beginning at 9 a.m.

The Auxiliary now has 39 members, and is looking for more to join to further this cause. A yearly project was discussed and it was decided to make novelty candles. Mrs. Lester Herr displayed candles she had made, and told how she made them.

New Thriller

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LADIES HAVE YOU HEARD?

By Doris Thomas, Extension Home Economist

Give the Family a Push Toward Spring

Frozen strawberries are a colorful and tasty treat any time of the year, but especially now when many people need a push toward spring.

Frozen strawberries may be purchased whole, in halves, or in slices, and are generally sweetened with sugar. The dry sugar mixed with the berries before they are frozen forms a syrup when it blends with the natural strawberry juices. Some whole strawberries are frozen without added sweetner. These are "individually quick frozen" strawberries. They are sometimes labeled "whole frozen strawberries,"

Most frozen strawberries are quality graded by the U. S. Department of Agriculture. Frozen strawberries may bear the U. S. grade name if they are officially graded.

Some frozen strawberries are individually quick frozen in see-through bags, so that part of the package may be used and the rest kept frozen. Frozen strawberries also are marketed in cups, cartons, or special fiber-metal cans. Some come in quick-thaw pouches.

Choose only packages that are frozen hard. Do not buy packages that are stained by the contents, as they probably have defrosted sometime during marketing. Follow package directions for thawing and serving.

Serve frozen strawberries in pies or tarts, with ice cream or custard, or with cold cereal or oatmeal. Or, serve them with a French flair, laced with brandy and sugar – or just brandy if you are using already sweetened berries.

A classic dessert which you can make with frozen berries is Strawberry Chiffon Pie:

10-ounce package Strawberries, frozen
1 Baked pastry shell, 9-inch
1 tablespoon Unflavored gelatin
¼ cup Cold water
3 Egg yolks
¼ cup sugar
¼ cup Lemon juice
¼ teaspoon salt
3 egg whites
¼ eup sugar

To prepare: Thaw strawberries. Make pastry shell; cool. Soften gelatin in cold water. Beat egg yolks slightly and add ¼ cup sugar and lemon juice. Cook over boiling water, stirring constantly, until thick. Add softened gelatin to hot mixture; stir until dissolved. Chill until thick but not set. Fold strawberries into gelatin mixture. Add salt to egg whites an beat until soft peaks form. Add ¼ cup sugar, beating constantly until stiff. Fold in the gelatin mixture. Pour into pastry shell. Chill until set. (Note: Use only clean, sound shelled eggs in this recipe.) Makes 9-inch pie, 6 servings.

Sew Washables For Men

In the exciting world of home sewing, homemakers are taking pride in sewing for the men in the family. Even men themselves are taking to the sewing machine in an ever-increasing number.

Consequently, big name designers are creating patterns for sewing smart-looking menswear at home. All of the major pattern companies now have menswear sections in their catalogs.

Aside from the creative aspects, there is an economy to home sewing. Given the wealth of washable fabrics in a variety of patterns and constructions, coupled with the continuing trend for men to dress imaginatively and colorfully, it's fun and saves money, too.

Yardage today includes washing instructions. Often elegant-looking textures are completely machine washable and dryable. Such easy care makes the completed garments time-savers as well as dollar savers. Just be sure all trims, linings and thread are compatible with the fabric and equally as washable.

3280
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It's a honey, this dress with the wide shoulder strap, even without the jacket, with the jacket, it goes any where No 3280 comes in sizes 12½ to 22½ In size 14½ (bust 37) and 44 inch fabric, dress takes 2⅞ yards, jacket 1½ yards; outfit 4⅜ yards

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1171

This crocheted jacket is easy to crochet in sizes 32 to 42 Send for Pattern No 1171

Send 50¢ for each dress pattern, 30¢ for each needlework pattern (add 15¢ for each dress pattern, 10¢ for each needlework pattern for mailing and handling) to AUDREY LANE BUREAU, Morris Plains, New Jersey 07950.

Farm Women Societies

Society 3

Farm Women Society 3 met Saturday, Feb. 23 at the home of Mrs. Frank Snyder, Ephrata RD2.

A memorial service for Mrs. George Wealand was conducted by Mrs. Carl Meck, Mrs. Vernon Leinenger and Mrs. William Eberly.

The business session was in charge of president Mrs. Jesse Balmer. Contributions were given to the Ephrata Recreation Center in the amount of $50., and to the American Cancer Society, $50. Reports were given on the recent County Executive Board meeting and on the visit and entertainment at Conestoga View.

The program included a talk by Mrs. Philip (Susannah) Eiseman, who is the founder and teacher of the Early Learning House, 52 Howard Avenue, Lancaster.

On March 13 the members of Society 3 will tour Hickory Farms in Park City, Lancaster.

The next meeting will be held March 16 at the home of Mrs. Jesse Balmer, Lititz RD4.

Society 4

Farm Women Society 4 held its February meeting at St. Marks U. M. Church, Mt. Joy. Hostesses were Mrs. Robert Brubaker and Mrs. A. W. Wickenheiser. Roll call was answered by naming a favorite casserole.

Kevin and Keath Hurst provided entertainment with magic tricks.

It was decided to hold a bake sale April 5 at Columbia Market.

Speaker for the meeting was Robert S. Frank, of Meals on Wheels. The idea for meals on wheels came from England in 1954 to America, and to Lancaster County in 1965. It is a non profit program and anyone can obtain the service. The cost of two meals per day, one hot and one cold, started at $1.75 per day, and now has risen to $2 per day for two meals. Meals on Wheels also arranges special diets at Lancaster General Hospital. The service provides: Proper eating; clients can reamin in their homes longer; personal contact for five days a week.

Society 5

Farm Women Society 5 held their meeting Feb. 23 at the home of the Misses Elizabeth and Matilda Workman of East Petersburg.

The speaker was Mrs. Harold Saylor of East Petersburg, speaking on "English, A Second Language". She is a tutor for Volunteer Services of Lancaster County, giving help and aid in instruction of English.

Society 5 will be entertained by Society 20 on May 2, at the Quarryville Methodist Church.

Announcements were made for the Spring Rally, May 8, to be held at the York Fair Grounds. Reservations are to be in by April 15. Also, the bus trip being sponsored by the Extension Service to Wayne County, Michigan, deadline for reservations March 5 by calling Mrs. Thomas at the Extension Office.

Society 5 voted to support the J.C. Circle T Ranch as a county project.

The next meeting will be at the home of Mrs. Paul Stern, Manheim, on March 30, with Kathryn Eichelberger as guest, showing slides of Norway and Sweden.

Farm Women Calendar

Thursday, March 7

1:30 p.m. - Farm Women Society 20 meeting, Elsie Rice, Sara Horner hostesses.

Friday, March 8

7:00 p.m. - Farm Women Society 19 meeting at the home of Mrs. Charles M. Long, 3719 Nolt Road, Landisville.

Saturday, March 9

1:00 p.m. - Farm Women Society 13 luncheon, Witmer Fire Hall, entertain Society 29 and County Board officers.

Farm Women Society 25 meeting at the home of Mrs. Wade Groff.

Society 12

Farm Women Society 12 met recently at the home of Mrs. John Kindig, Conestoga RD1. There were nine members present. Roll call was answered by giving a good deed done for the week.

The Society made 17½ dozen cancer pads. The Society is going to the Flower Show March 12, and will meet at the New Danville Fire House at 8:30. Five dollars was donated to the Cancer Society.

(Continued On Page 39)

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Farm Women Societies

(Continued From Page 38)

The next meeting will be at the home of Mrs. Earl Mowrer, 135 Ruby Street, Lancaster.

Society 15

A true and false quiz on the by-laws was conducted by vice president, Mrs. Robert Horner at the Farm Women Society 15 meeting held Thursday, Feb. 21 at the home of Mrs. Martin Greenleaf. In absence of the president, Mrs. Horner also conducted the meeting, with Mrs. Greenleaf leading devotions.

Twenty-eight members responded to roll call, telling something of interest about the place where they live. Mrs. Richard Maule read the minutes and Mary Howett gave the treasurers report. An invitation was read from Society 20, asking the Society to be their guests at a covered dish luncheon on May 2 at the Quarryville Methodist Church.

Reports were given from the County Farm Women Executive Board, including the State Spring Rally, May 8, in York Co. It was reported that there are now 1025 Society members in Lancaster County.

Three County projects were named, with Mental Health Society chosen by majority vote as the project for the year. Farm Women of Lancaster County will make a return trip to Wayne County, Michigan, June 4 to 7. The ladies from Wayne County visited Lancaster County a year ago, and were guests of Farm Women Societies here.

Farm Women Society 27 will be featured on "Noonday on 8", channel 8, March 22. It was also announced at the meeting that the State Convention will be held Nov. 2 at the Lancaster School of the Bible.

Ways and Means chairman, Janet Frantz told of plans for a chicken barbecue and supper foods sale to be held on Saturday, May 25 in Kirkwood, at the Shaubs Auction. Foods for supper are also to be brought to the March meeting for auction. Mrs. Melvin Boyce of the Sunshine committee reported a fruit basket had been given to Mr. and Mrs. Guy Miller, honoring their 65th wedding anniversary. A letter of thanks was received from the Crippled Childrens Society for the gift of money given them at Christmas.

Mrs. Emory Wagner, chairman of the Tripping Committee, told of the plans for an eight day trip by bus from June 22 to 30 to Nova Scotia. A bus trip is also being planned for the Easter Show in New York in April.

Mrs. Ida Rinehart reported the Society had sewn 30 dozen pads, and 10 bed pads for the Cancer Society.

Hostesses assisting Mrs. Greenleaf were Kathleen Groff, Mrs. Richard Maule, Mrs. Robert Horner and Mary McLaughlin. The March meeting will be held at the home of Mrs. Emily Greenwald. The program will feature Vera Albert on "Herbs of the Bible."

Society 18

Farm Women Society 18 entertained Society 3 on Saturday, Feb. 16 at the Farm and Home Center in Lancaster. The business session was conducted by president, Mrs. Jay E. Landis.

The Society is delivering food twice a week to one of its members, who is a shut-in.

The program was devoted to the 12 months of the year, and tables were decorated appropriately.

The next meeting will be held March 16 at the home of Mrs. John Herr.

Society 21

On February 14, Farm Women Society 21 met at the home of Mrs. James Landis. President Mrs. James Long called the meeting to order. The county project for the year will be the Circle J. C. Camp for the mentally retarded and disabled. Also a donation of $25.00 will be given to a local project, "Meals On Wheels" by the Society.

Notices were sent out to unpaid membership dues. It was also announced there will be a bus tour to Michigan by the Home Makers from June 4th to the 7th.

Roll call was answered by members with a home-made Valentine to their sweetheart with a prize given to the best one. The program included games by Mrs. James Long and Mrs. Wilmer Kreider.

Refreshments were served by Mrs. Parke Ressel, Mrs. Clair Delong, and Mrs. John Delong. Next meeting will be held at Stauffers for a workshop.

Society 27

Farm Women Society 27 will be guests on "Noonday On 8," WGAL-TV, Friday, March 22. Included in this visit will be a guided tour of the WGAL-TV facilities.

Society 27 will conduct the food stand at Christ Miller's Sale, Elizabethtown RD1, March 19.

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National Nutrition Week Starts Sun.

The Second Annual National Nutrition Week, designed to provide the public with the latest information about nutrition and food selection for health, opens March 3 and continues through March 9.

Sponsored by the American Dietetic Association and its 25,000 members, the week-long observance has as its theme, "Nutrition Saves."

Cooperating is Dairy Council Inc., of Southampton, Pa., whose staff of professional nutritionists present audio-visual nutrition programs and workshops for educational and professional leaders in Pennsylvania, New Jersey and Delaware.

"With fluctuating food costs and new lifestyles changing meal patterns, Nutrition Saves is a doubly important message for everyone," said Robert C. McKinley, Dairy Council president.

He explained that proper nutrition will save on dollars spent on the weekly food budget and also save and enhance good health. Daily food intake, including snacks, should be built around the basic Four Food Groups–meat and fish, fruits and vegetables, enriched or whole-grain breads and cereals, and milk and dairy products.

McKinley advises preparing a shopping list before going to the store and be sure it includes items from the Four Food Groups. Eating these foods daily will not only provide better health, but will also yield savings by replacing nutritionally inadequate, yet often more expensive, items.

Dairy Council nutritionists offer these suggestions:

Instead of potato chips, buy fresh potatoes; replace soft drinks with orange juice or milk; substitute candy and cookies with cheese or bread sticks; buy meats, fruits and vegetables that are in season; combine lower-cost protein items, such as beans, peanut butter or cheese with higher-cost meats. Whenever possible, avoid "convenience" foods.

McKinley concluded: "We hope people will think about the importance of sound nutrition not only during National Nutrition Week, but throughout the year. Sound nutrition is important to everyone and can be attained without straining the food budget."

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Close shades & drapes at night. Keep fireplace damper closed when not in use.

Turn the thermostat down 10 degrees at night, you can save approximately 10%.

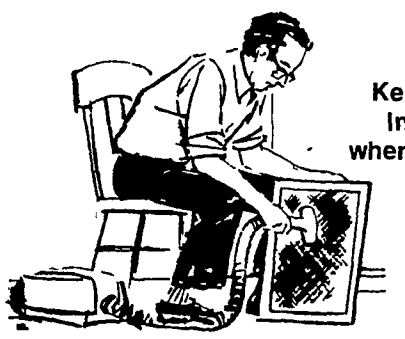
Install 6 inches of attic insulation. This could save you up to 20%.

Make sure attic is closed off from rest of home by sealing cracks around door, pulldown stairway, air duct passages, etc.

Insulate hot water pipes that pass through cold spaces. Close off & do not heat unused rooms.

Caulk window & door frames. Weather strip windows & doors. Savings up to 4%.

Install storm windows & doors. Savings up to 15%.



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Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

NUTRITION A LA CARTE

• Teenage boys need more nourishment than at any other time because they are experiencing their most rapid growth rate Between-meal snacks are a good idea but they should be from the four food groups — the milk group, the meat group, fruits and vegetables, breads and cereals

• Let's knock down some food fallacies It's not true, for example, that high protein foods and fruits have no calories Or that margarine has fewer calories than butter, or that gelatine dessert is nonfattening According to the American Dietetic Association, such mistaken ideas are a real problem in America

• You need iron in your diet It combines with protein to make the red substance in blood that carries oxygen to your cells Otherwise you feel tired and run down The best food sources of iron are meat (especially liver) — also eggs, dried beans, green leafy vegetables and some of the dried fruits like raisins and prunes

• There's a myth that pork liver is less nutritious than beef liver Actually, they both contain vitamins and minerals that we need Beef liver has more vitamin A, but pork liver is richer in iron And both compare well for protein and calorie content So eat either with confidence

• How much vitamin E is required in your diet? We don't know how much you need But vitamin E is so widely distributed in common foods that dietary deficiencies are unlikely Here are some of the richest natural sources Vitamin E is present in vegetables and seed oils, green leafy vegetables meat eggs and dairy products

• Milk should be included in weight reducing diets I advise this because milk is a good source of excellent protein, calcium, also riboflavin, and other important nutrients It's difficult, in fact, to plan an adequate diet without milk Whole or skim milk should be included in all diets, reducing or not

• Here's a little history People think sauerkraut is a German dish, but it actually was created in China Coolies working on the Great Wall of China were fed a dish of cabbage and rice To preserve it as a winter food supply, wine was added, and it became known as sour cabbage When the recipe reached Europe, they christened it sauerkraut

OBESITY: INFANTS AND ADULTS

Two areas of research are among the newest theories that hope to solve the mysteries of obesity — of why people are overweight One area concerns the development of fat cells in the body, the other involves psychological influences that may cause overweight

Let's take fat cells first

Some of the vital development of the fetus can only take place in the last few months before birth Development of the brain for example could be limited in the fetus if the mother to be does not enjoy adequate nutrition Certain nutritional inadequacies cannot be corrected after the baby is born

Women Gain More Now

This is why pediatricians now recommend that pregnant women gain more during pregnancy than they were recommending a few years ago It became apparent that too many babies were being born under weight and with other problems stemming from maternal malnutrition At the same time, physicians do not want pregnant women to gain too much for both their own sake and for fear the fetus will develop too many fat cells Similarly, pediatricians watch the weight gain and diet of babies knowing that if they are overfed they will develop too many fat cells

Too many fat cells in his body could be a lifelong problem Once developed, you never have less The problem thereafter is cell size — to keep the fat cells you have from becoming too big

In early life, and the diet is influential, the infant first develops numbers of cells only Then, in a second stage, he increases both numbers and size of cells together Finally, size only is increased So, in pediatrics, the aim now is to not develop too many fat cells, in early life and then keep them a reasonable size

We really don't have the answers yet But people who constantly must fight weight may have more fat cells than is desirable When they reduce they merely shrink the average size of their fat cells And, it is theorized, the reason people usually regain weight may be that their fat cells literally are starving on a reducing regimen and "screaming" for more nourishment to maintain a larger size — the result of a precedent set in early life This might account, especially, for people who regain weight after crash dieting

Psychological Clues

The psychological clues regarding overweight include a theory that overweight people are more responsive to their environment, that is, to outside influences

For example, in research reported by Dr Judith Rodin of Yale University's Department of Psychology, overweight and average weight persons have been studied doing work such as proofreading When they were in a quiet room, undistracted, the rate at which each person accomplished his task was measured But when a tape of background music was played, efficiency dropped, especially among the overweight persons

The overweight person, in other words, is more distracted by the sound He responds more to outside stimuli This, according to the theory, explains his positive response to good smells and appearance of food, and of other people eating It is, for him, irresistable

Germplasm Released For Alfalfa Lines

Twelve alfalfa lines have been released for breeding and experimental purposes by the U. S. Department of Agriculture (USDA) and the Utah Agricultural Experiment Station, Logan.

These lines are being made available for use in the development of varieties or hybrids with improved nutritional qualities and for experimental studies of alfalfa saponins.

Saponin, a compound common in plants, inhibits chick growth if fed in sufficient quantity.

Saponins depress the growth of some microorganisms. Information on their effects on farm animals is limited.

Six of the new alfalfa lines are low-saponin and the other six are high. One low and one high line were developed from each of six varieties–DuPuits, Ladak, Lahontan, Ranguer, Vinta and Vernal. All twelve were developed by USDA's Agricultural Research Service (ARS) and the Utah experiment station, and resulted from recurrent selection.

A limited amount of seed will be provided each alfalfa breeder upon written request and agreement to make appropriate recognition of its source a matter of open record when this germplasm contributes to the development of a new variety or hybrid. Address requests to: Dr. H. W. Pedersen, Crops Research Laboratory, Utah State University, Logan, Utah 84322.

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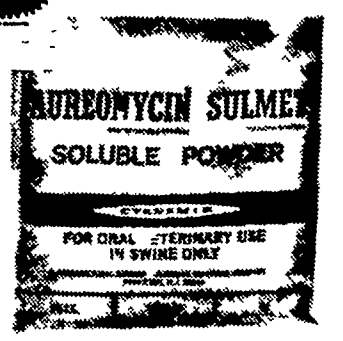

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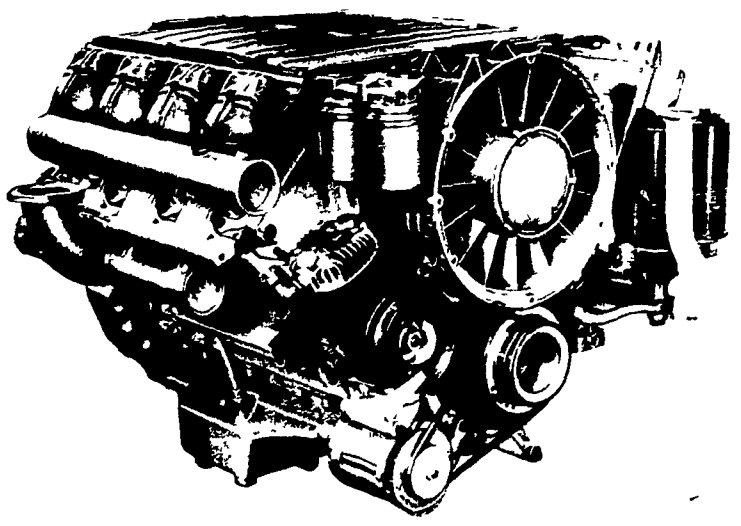

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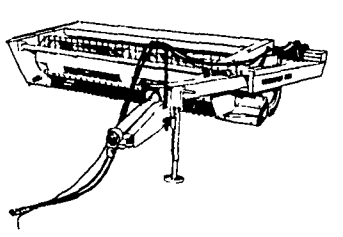

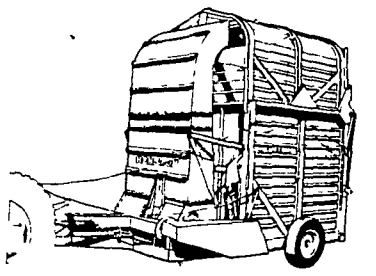

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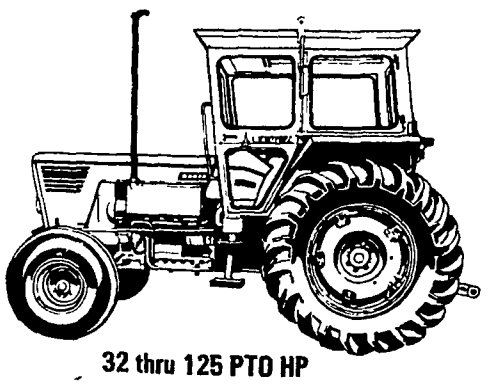

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Rocky-Side Fond Hope, 5-4 21,610 milk, 905 fat, 4.2 percent test in 305 days.

Rocky-Sida Star Lida, 4-5, 21,680 milk, 894 fat, 4.1 percent test in 305 days.

Alfalfa Anthracnose Fungus Spreads Via Farm Machinery

The fungus causing anthracnose, a potential threat to alfalfa, can be spread from dry alfalfa debris on machinery stored in sheds over the winter, a plant pathologist at The Pennsylvania State University reported today.

Fungal spores in debris clinging to alfalfa harvesters, choppers, or balers could be a major means of spreading anthracnose to this year's crop, declared Dr. Felix L. Lukezic, associate professor of plant pathology at Penn State.

He urged farmers to clean their alfalfa harvesting equipment before moving it any distance this year. The fungus can remain alive for several months in debris on machinery in storage.

The fungus causing anthracnose can be spread, Dr. Lukezic and associates found, from equipment used in infected fields and then moved to other fields the next season. Such contamination was observed first hand last summer. Anthracnose was carried in debris on a machine used in an infected field and then moved 100 miles away to another field where there was no anthracnose in the area.

Anthracnose is one of the most serious problems facing alfalfa growers. A few varieties have some resistance to the disease–the varieties Titan, WL3-5, and Team. Within two years, however, varieties with imporved resistance should be available. At this time, spraying for anthracnose control is not recommended.

Anthracnose weakens alfalfa plants, making them subject to winter injury. Of 46 diseased plants at one variety trial location last year, only 25 plants survived the winter. Field losses from winter kill can be severe, wiping out as many as one-fourth of the plants. Damage can also be extensive among seedling plants, sometimes killing one-fourth of the young plants during the summer or fall. Protein content of alfalfa is also reduced.

The Penn Staters found that the fungus causing the disease can survive in alfalfa stems for 100 days in a field. This suggests that infected plants can be important sources of secondary infection.

If anthracnose survives the winter in fields, it does so at a very low level in the Commonwealth, Dr. Lukezic affirmed. His findings were supported in earlier experiments at Penn State and by other studies at Cornell University and the University of Maryland.

The disease usually spreads in a circle from one infected plant. The spores are carried by splashing rainfall.

Penn. Egg Production Falls 4 pct.

Pennsylvania layers produced 301 million eggs during January according to the Crop Reporting Service. This is slightly above last month but 4 percent below January 1973.

The January average of 15.2 million layers in flocks was 1 percent above last month's average but 2 percent below January 1973. Egg production per 100 layers during January totaled 1,975 – down 1 percent from last month and 2 percent below a year ago.

Nationally, the 5,651 million eggs produced during January was down 1 percent from January 1973. Layers on hand during January averaged 295 million, 2 percent below a year earlier. The average rate of lay during the month was up 1 percent from a year earlier and partially offset the fewer layers.

Adult Farmers Set Farm Planning Meets

A farm buildings course will start on Tuesday evening, March 5 at 7:45 p.m. in the Ephrata Senior High School ag department. The topic to be discussed at this first session will be "Farm Building Layout and Foundation Construction."

A meeting scheduled for March 12 will feature a special session for farmers establishing a new farm plan on revising their present soil conservation plan. The purpose of this meeting is to accommodate the large number of requests for plans by area farmers who want to conform to the new soil conservation practices and pollution prevention standards established recently. Mr. Orval Bass, Lancaster County soil conservationist, will discuss this topic and do some basic planning on a group basis.

Money And Friends

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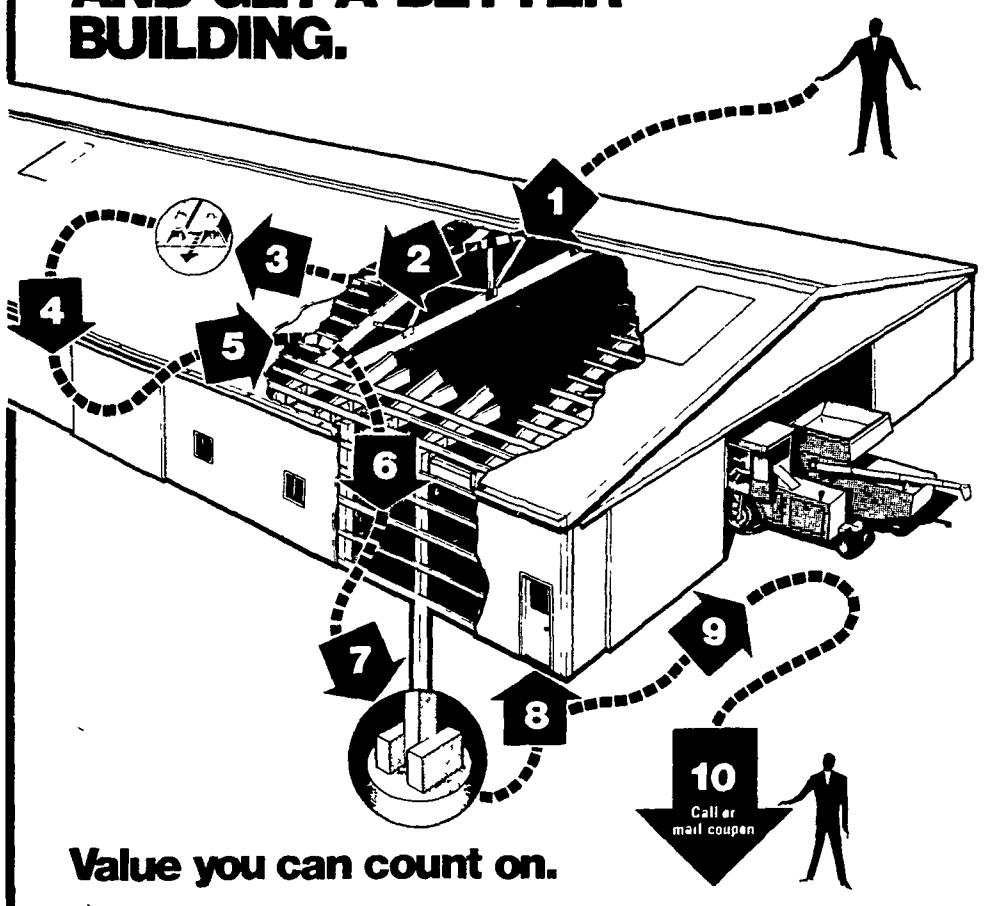

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USDA Study Shows . . .

Most Ag Lands Are Farmed By Owners

Some quick facts about ownership of America's farmland:

Of the 1 billion acres in farmland about half our land supply—more than 3 out of 5 acres are farmed by the owners, according to the latest agricultural census, taken in 1969.

Individuals own and operate nearly 400 million of the 918 million acres in farms with sales of $2,500 or more . . . partnerships, 90 million acres . . .corporations, 50 million acres. Of the land owned and operated by corporations, 4 out of 5 acres belong to closely held corporations—those with 10 or fewer shareholders.

Of the land that's rented out to farm operators—383 million acres—more than 7 out of 10 acres are owned by nonfarming individuals, partnerships, and estates.

Of the remainder, Federal, State, and Indian lands add up to 53 million acres—of which more than half is State-owned—farm operators own and rent out to others 40 million acres, and nonfarming corporations own 16 million acres.

For the U. S. as a whole, individuals, partnerships, and estates own 87 percent of the land in farms with sales of $2,500 or more. Corporations own 7 percent, Federal, State, and Indian lands comprise the rest.

A check of ownership of farmland on a regional basis, however, draws quite a different profile.

Four out of 5 acres owned by corporations are in the 11 Mountain and Pacific States, Texas, or Florida. The Mountain and Pacific States alone account for more than 3 out of 5 acres of corporate lands.

The Mountain and Pacific States account for 4 out of 5 acres of State, Federal, and Indian lands used for farming.

More than 90 percent of the land in farms in 7 of the Nation's 10 regions are owned by individuals, partnerships, and estates. This includes the Northeast, Lake States, Corn Belt, Northern Plains, Southern Plains, Delta States, and Appalachian regions. In the Corn Belt and Lake States, individuals, partnerships, and estates account for 98 percent of farmland ownership.

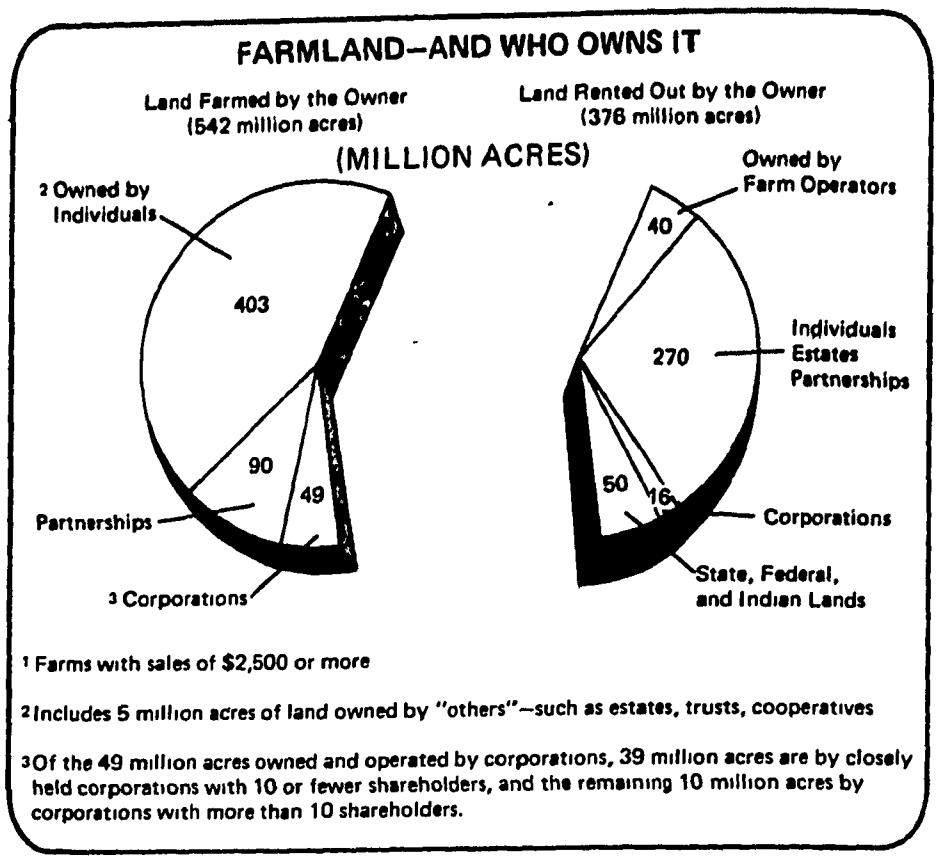
While the latest complete data come from the 1969 Census of Agriculture—and Congress recently authorized another one for 1974—indications are that ownership patterns of farmland have not undergone a great deal of change.

A USDA report on farm real estate market developments, for instance, noted that results of its annual Farm and Rural Land Market Survey in March 1973 were similar to that of a year earlier. Individuals continued to dominate farm real estate transfers, and partnerships remained second.

The major change was that private corporations purchased twice as many acres as they sold in the year ending March 1, 1973, while a year earlier, they sold slightly more than they purchased.

Privately held corporations purchased 4 percent of all tracts sold in the year ending March 1, 1973, and 9 percent of the value of farmland sold—but accounted for 12 percent of the acreage—a 3-percentage point gain from the year before. Their percentage of sales and value was relatively unchanged from a year ago, but with their percentage of acreage sold dropping to 6 percent, they apparently purchased twice as much acreage as they sold last year.

Contrary to widespread belief, public corporations—those whose stock is offered in over-the-counter trading or on stock exchanges—do not appear to be a major influence in many land markets. Nationally, these large corporations bought and sold only about 1 percent of all tracts, acreage, and value of farmland transferred in the year ending March 1, 1973.


FARMLAND—AND WHO OWNS IT
Land Farmed by the Owner
(542 million acres)
Land Rented Out by the Owner
(376 million acres)
(MILLION ACRES)
2 Owned by Individuals
403
90
49
Partnerships
3 Corporations
Owned by Farm Operators
40
270
Individuals Estates Partnerships
50
16
Corporations
State, Federal, and Indian Lands
1 Farms with sales of $2,500 or more
2 Includes 5 million acres of land owned by "others"—such as estates, trusts, cooperatives
3 Of the 49 million acres owned and operated by corporations, 39 million acres are by closely held corporations with 10 or fewer shareholders, and the remaining 10 million acres by corporations with more than 10 shareholders.

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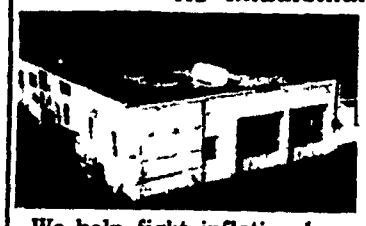

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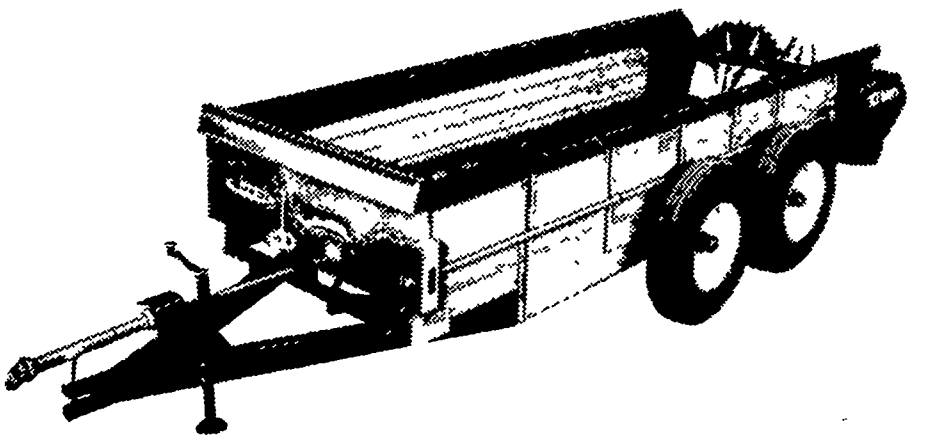

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Good Farm Records A Must for Census

Comprehensive new information about agriculture in the United States will be gathered in the 1974 Census of Agriculture by the Bureau of the Census, part of the U. S. Department of Commerce's Social and Economic Statistics Administration.

Data will be collected early in 1975 covering farm and ranch operations during 1974, and the Bureau reminds the Nation's farmers to keep records that will help them furnish the information requested on the forms they will receive in the mail next January.

Much of the 1974 data gathered will be similar to that of 1969 and earlier years and will be published for each county. It will include:

Total number of farms, acres in farms, average value of land and buildings per farm, cropland harvested, acreage devoted to major crops, and numbers of major kinds of livestock on farms.

Further items will be the number of farm operators by age, days of off-farm work by farm operators, value of all farm products sold, recreation income, number of autos, trucks, tractors, combines, and mower conditioners.

Expenditure questions include purchase of feed, fertilizer, pesticides, lime, gasoline and other farm fuels, machine hire, farm labor, and livestock and poultry purchases.

As in earlier farm censuses, data to be published for States include characteristics of farms grouped in income categories by type; cattle and calves by size of herd; hogs and pigs by number on farms; sheep and lambs by size of flock; and chickens over 3 months old by size of flock.

Like the 1969 census this will be a mail census. Farmers will be mailed their report forms and asked to fill them out and mail them back. In 1964 and earlier farm censuses, Census enumerators called on all farm operators to obtain the information.

The 1974 report forms will be mailed out the last week of December 1974. The mail method allows farm operators to complete the forms in complete privacy at their convenience, within a reasonable period of time, and to refer to their records as needed.

All information reported by the farm operator is confidential by law and can be seen only by sworn Census employees who are subject to fine and imprisonment for revealing any such information. Nothing can be published that might disclose information about an individual farm operator.

Supermarket Goddess?

Who is the American homemaker? She's not the affluent, vibrant, supermarket goddess most color ads and TV commercials depict More realistically, the "average" homemaker is over 35 years old; her husband's income is between $7,000 and $10,000 annually; and according to one study, she's apt to be bored, lonely and frustrated, feeling trapped by home and family. She may not be married: there are more than 11 million widowed or divorced American women.

Las Vegas

My friend just got back from three weeks in Las Vegas where he underwent a rather strange operation He had his wallet removed!

Auction Date Set For Performance Tested Beef Sires

The Pennsylvania Department of Agriculture will hold the first sale of performance tested beef bulls, Friday, March 29, from its Meat Animal Evaluation Center (MAEC) at Pennsylvania State University.

A group of 68 pure-bred bulls ranging in age from six months to a year were started on a carefully monitored feeding program last fall. The auction will put the highest-scoring 75 percent on the block, approximately 50, to be sold to Pennsylvania livestockmen as herd sires.

This program is a departure from the previous progeny testing program which took up to four years before a bull could be evaluated as a potential beef sire. In progeny testing it was necessary to wait at least a year until the bull matured enough for breeding. Then another nine months wait until his calves were born and still another 18 to 24 months went by until the calves were ready for slaughter and an evaluation of their carcasses.

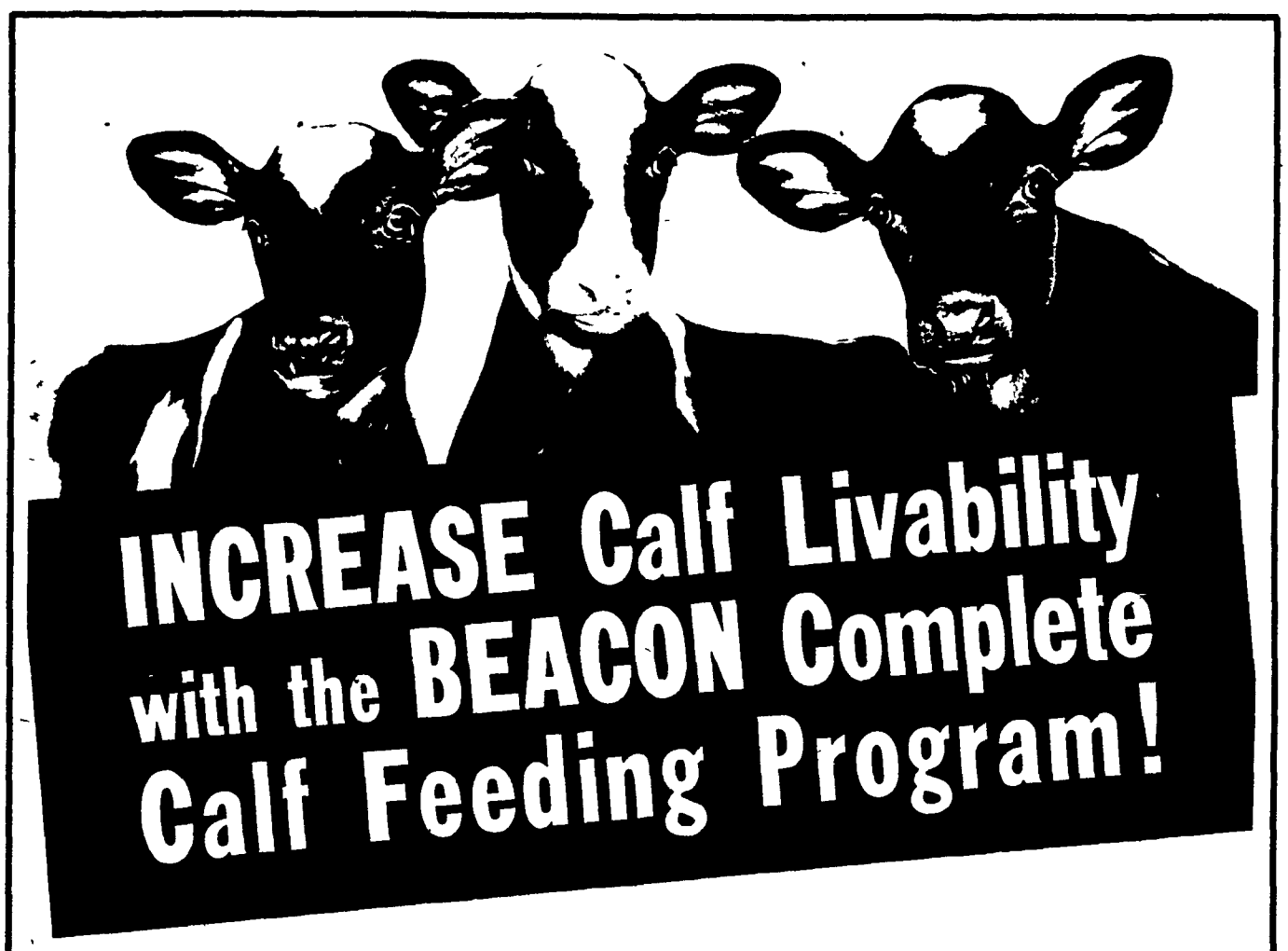
With live bull testing an evaluation of the potential young sire can be determined before his second birthday. The MAEC carefully weighs and records the gain every 28 days for a period of 140 days and at the conclusion of the test will measure the loin-eye area and fat thickness with an ultrasonic device.

Performance testing is based on a study-proven concept that a feeder calf will have the same weight-gaining characteristics and other physical attributes as its sire.

Breeders who enrolled their bull calves at the MAEC have been paying for feed and normal veterinary service on a pro rata basis. The proceeds from the sale of each bull after deducting normal auction and advertising costs will go to the breeder. Those animals not consigned to the sale will be returned to their original owners.

The original group of bulls included 25 Charolais, 24 Black Angus, seven Simmental, six Polled Hereford, three Chianina and one each of Horned Hereford, Red Angus and Shorthorn.

Previously beef sires were always sold privately, one at a time, from breeder to breeder. This will be the first public auction of beef sires ever held in Pennsylvania. Further information regarding the sale can be obtained from the Bureau of Animal Industry, Pennsylvania Department of Agriculture, Harrisburg or any of the state breed associations.



A recent study by Penn State showed that of 12,000 calves started, more than 18% died in their first 12 months. Beacon's Complete Calf Feeding Program is designed to help you minimize such losses by increasing calf livability.

Be-Co-Nurse milk replacer is one cornerstone of this program. It provides a high level of digestible energy in the form of easily digested lactose (milk sugar) and a high content (20%) of stabilized animal fat.

Beacon Golden Calf Starter is the second foundation stone of the program. It is fortified with vitamins A and D, plus Aureomycin. Partially pelleted, Beacon Golden Calf Starter is a highly palatable grain ration that calves love.

Beacon Calf Power and Beacon Scour Stop-R offer a scour prevention and control program that is highly effective. Calf Power is recommended for calves under undue stress. Scour Stop-R provides a "Feed and Treat" method of combating scours when they actually occur.

Used in your calf rearing program, these Beacon products can help increase your calf livability. Why not call your Beacon Dealer or Beacon Advisor today?

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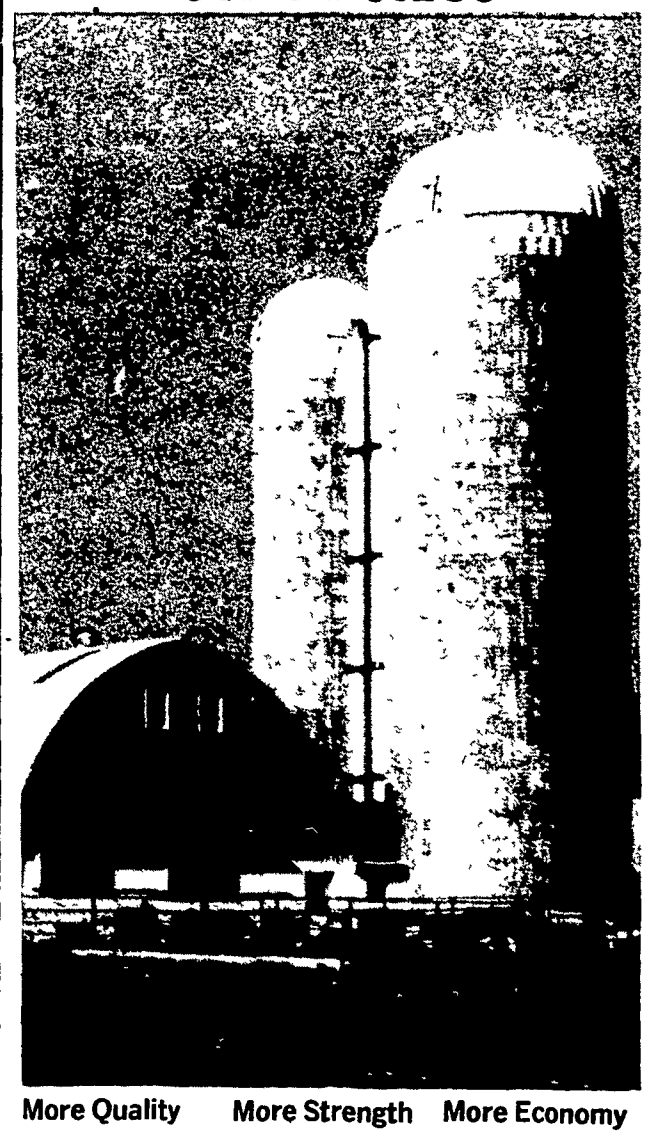

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Milk - A Market In Change

The demise of the quart glass milk bottle is probably the milk industry's most visible sign of change.

Less obvious, but more sweeping, are changes in the industry's structure, market performance, and in the regulations governing the distribution and sale of fluid milk. These shifts provided the focus of a recent study of 144 U. S. milk markets.

The markets, as diverse as Grand Forks, N.D., and New York, N.Y., ranged in volume from 3 million to 466 million pounds of milk per month.

Plants decline. Most dramatic change was the drop in milk processing plants—from around 8,500 in 1948 to just over 2,000 in 1971. Declines were sharpest among small plants, while those selling at least 4 million pounds per month increased in number.

Meantime, distribution areas have mushroomed. In the early postwar days, plants seldom distributed their products beyond a 30-40 mile limit. Today, a distribution radius of 100 miles is commonplace, and 200 miles isn't unusual. Thus, while the number of milk plants within any specific area has dropped sharply, the number competing for sales in that region has fallen off much less.

Open competition. Also, sales in most U.S. milk markets aren't dominated by a few major competitors The study found that small markets absorbing less than 50 million pounds of milk per month were the only ones in which more than half of all sales went to the top four competitors. In the 14 largest markets, the four chief rivals captured less than a fourth of total milk sales.

The most significant change in market structure has come from supermarket groups that buy or build their own milk processing plants In 1964, 21 supermarket groups operated 36 milk plants, with most of the output sold to their own stores. By 1971, 26 supermarkets controlled 51 plants.

During 1964-72, the volume processed by supermarket-owned plants more than tripled to 388 million pounds per month. And their share of total milk sales by commercial processors advanced from 3 percent to nearly 9 percent.

Marketing rules. Regulations governing the marketing of fluid milk also underwent major change and revision during the postwar period. For instance, the number of States that regulate resale milk prices—either wholesale or retail—now stands at 14, versus a peak of 21 in the mid-1930's and only 11 in the mid-1950's.

The fifties brought a sharp rise in trade practice regulations in States without resale price fixing. State trade practice laws forbid, among other things, giving free credit, unreasonable credit extensions, and secret rebates or discounts. Effects of the regulations have been mixed, depending on type of law and extent of enforcement.

Sanitary regulations, while necessary to public health, have in some cases been used to give local milk dealers an advantage in certain markets. For example, some have contained restrictions which forbid the distribution of milk that's been pasteurized outside the city limits. In recent years, however, most States and local jurisdictions have reshaped these laws to allow free competition and to facilitate the flow of fluid milk products

Open dating. Some 40 years ago, sanitary authorities commonly required open dating on fluid milk products. After waning in the years that followed, interest in open dating has recently been rekindled.

Initial studies showed that open dating drove up costs, as retail outlets using the system began returning more and more unsold milk. Followup reports now indicate this is no longer the case.

To gauge market performance of the fluid milk industry, the ERS study used two measures—marketing margins and innovativeness.

During 1954-72, average marketing margins for whole milk increased only 6 cents per half gallon The gain would have proven considerably larger had there not been a shift from home delivery to store outlets and to larger containers

Marketing margins vary widely throughout the U.S., but tend to run somewhat higher in States that regulate resale prices.

Innovation rate. To measure innovativeness, the study compiled a list of all new products, containers, and services introduced in the fluid milk industry since the mid-thirities. The average date when markets accepted these developments became a measure of their innovativeness.

The Milwaukee, Wis., market ranked highest, with 1955 the average date by which all innovations had been introduced. Burlington, Vt., was slowest to respond to new developments, with an average date of 1964.

Researchers determined that markets with resale price controls were generally not as receptive to innovations than those without. In fact, the study found that the most highly regulated—thus "sheltered"—markets, whether protected by sanitary regulations, trade practice laws, restrictive licensing, etc., tended to be the least innovative.

State Grange Will Conduct Sewing Contest

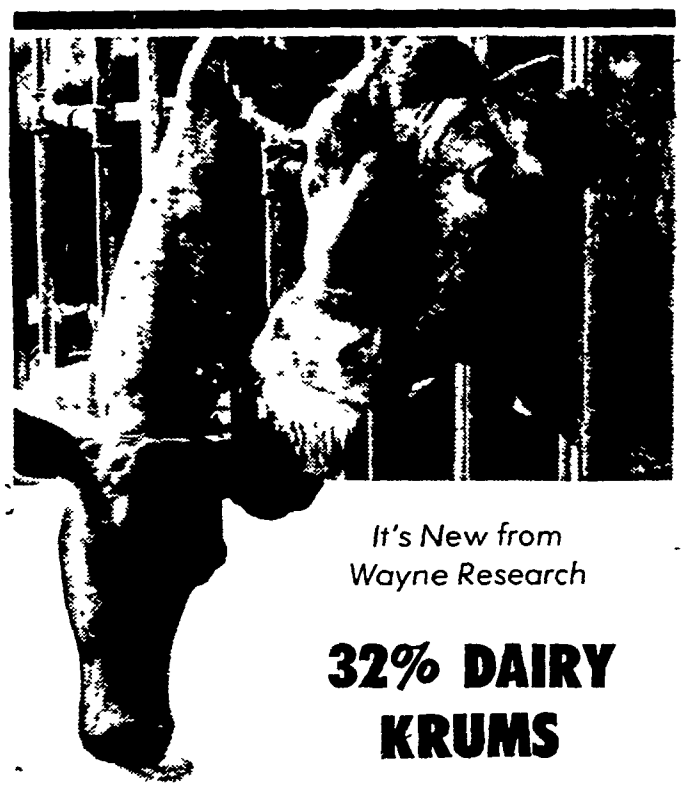
More than 1,500 entries are expected in the 1974 sewing contest of the Pennsylvania State Grange, according to A. Wayne Readinger, state Grange master.

The contest is open to Grange members and Grange-sponsored participants who are 12 years of age or older The deadline for submitting entries is April 30, 1974.

Mrs. Ross Metz, state director women's activities of the Grange, said dresses and suits will be judged in three age categories: Those made by persons 18 years of age or older for the same age group; garments made by contestants in the 12-17 age group for persons of the same age, and garments made by persons 18 years old or over for children under 18 years.

Judging at the subordinate Grange level will be held May 1 to May 13, followed by judging at the Pomona, or county Grange level from May 13 to May 20. Pomona winners will be judged at the state level later and winning garments will be sent to New York for the National Grange level.

At stake will be a one-week trip for two to Bermuda for the national winner. Numerous prizes also will be presented winners in the subordinate, pomona and state competitions.



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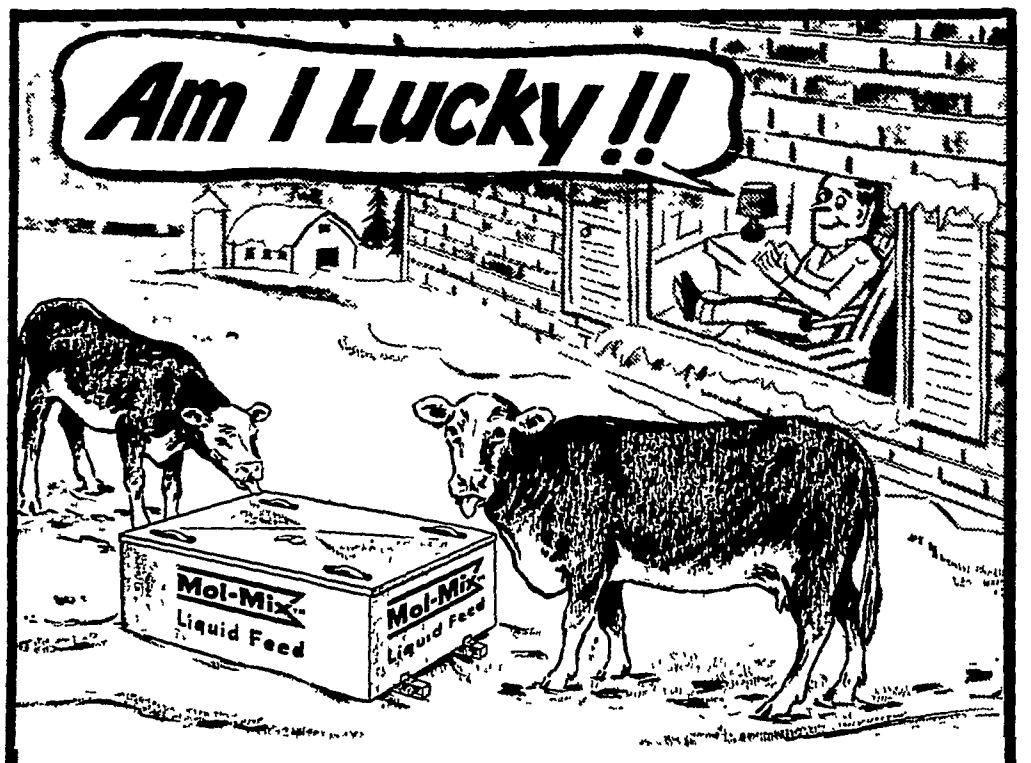

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Agriculture - A Look At 1974

by H. Lou Moore
Livestock Marketing Specialist
Penn State

Agriculture shared in the nation's growth in 1973. Though economic growth for the year was up 5.9 percent, it slowed to only 1.3 percent in the final three months. A further slowdown in the current quarter is possible. How is agriculture likely to fare in 1974? Certainly the fuel and fertilizer crisis will have much impact on farmers' production decisions.

Crop Plantings to Increase

The 1973 crop year was excellent. The final crop report shows record crops were produced and the quality was much improved over the 1972 crops. Wheat production reached 1.7 billion bushels – 11 percent greater than the 1972 crop, and a new record! Corn production, at 5.6 billion bushels, was up 1 percent from 1972 while the soybean crop at 1.6 billion bushels was 23 percent larger than the 1972 crop. Despite large crops, corn and wheat prices are about double those of a year ago and stocks on hand are sharply below those of a year ago. Wheat stocks are 33 percent below the 1972 supplies and corn stocks are down 7 percent. Soybean stocks, on the other hand, are up 34 percent – which explains the relatively low price of soybean meal.

The nation's farmers indicated on January 1, 1974 that they plan to sharply increase grain production. Winter wheat acreage, planted last fall, is 19 percent greater than the 1972 seedings. Corn acreage in 1974 is expected to be 10 percent above that of 1973. Soybean acreage, on the other hand, is expected to be about 3 percent less than that of 1973. Many growers in the Southern states will plant more cotton and less soybeans.

Fewer Cattle on Feed

Despite the sharp increase in the 1973 calf crop, many of these animals have not been placed in feedlots. The uncertainty of high feed prices and the threat of consumer boycotts and feezes caused feedlot operators to cut back on placements. Since last spring, placements have been about 15 percent below a year ago. The number of cattle on feed on January 1 was 6 percent below that of the beginning of 1973.

Very large numbers of feeder cattle in the range states are apparently being wintered on good pasture and the larger wheat acreage. These animals are likely to move into feedlots in the next few months, particularly if the fed-cattle market exhibits additional strength. If these cattle go on feed, as expected, the beef supply would increase sharply in the second half of 1974 and prices could come under considerable pressure.

Hog Producers Stand Pat

Hog producers have not expanded during the current cycle and thus have made handsome profits. Their reluctance to expand is continuing, as is reflected in the December Hogs and Pig Report. The breeding herd on December 1 was the same size as that in 1972. The number of market hogs was up 4 percent, but the December-May spring pig crop is expected to increase only 1 percent.

If hog marketings do not increase any more than the current indications, prices in the next two months will rise from present levels. All factors considered, 1974 hog prices are likely to be staying in the $40 to $50 per hundredweight range.

The Substitutes

As meat prices soared and consumers rebelled, new opportunities were created for meat substitutes last summer. One such successful substitute was textured vegetable protein – extended ground beef. The mix of 75 percent hamburger and 25 percent soy sells for 15 to 20 cents per pound less than pure ground beef. In many parts of the country, substantial amounts of this mix have been sold. While cattlemen hate to see such a product make inroads into the market, this substitute may have helped more than it harmed the meat industry. Many consumers probably would have turned to non-meat sources of protein had this mix not been available. They consider the mix to be hamburger – not soybeans. In general, textured vegetable protein products are becoming more commonplace at retail food stores and their consumption is no longer confined to vegetarians or people on restricted diets. One restaurant lists the mix on its menu as "a rancher's sandwich" and it is selling.

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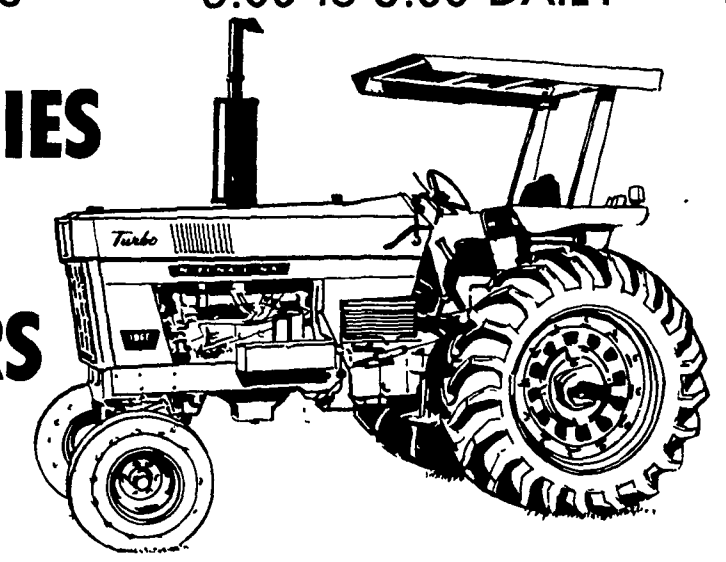

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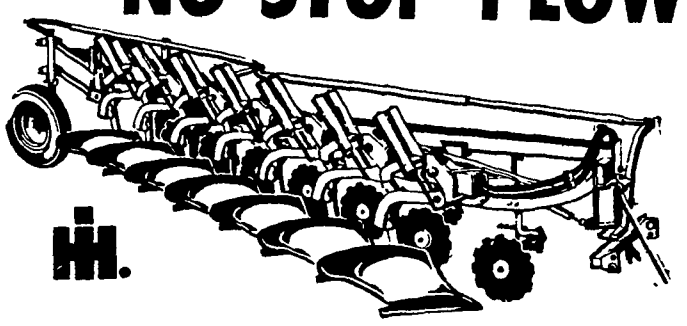

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High-Performance Soybeans - A Few Years Away

FINDING the answer to high-performance soybeans is like finding a cure for the common cold. It isn't easy. But just like the cold, researchers in education and industry are working at full speed to ferret out the mysteries of superior soybean production.

Because soybeans are naturally self-pollinating, attempts at developing commercial hybrids have been unsuccessful. Improvements through genetic methods cannot progress in the soybean as fast as they have in seed corn since crosses must be meticulously done by hand on fragile flowers.

So agronomists are beginning to organize in a unified effort to explore alternate routes to the distant destination of the improved soybean. The National Soybean Research Coordinating Committee, a group of university scientists involved in soybean work, has recently banded together to set research priorities and to prevent duplication of effort among their own ranks.

Funds for research are coming from government, to the tune of $1,000,000 to be dispensed through two agencies of the USDA; from industry-related groups, such as the National Soybean Crop Improvement Council which is providing $200,000 toward the effort; and from commercial seed companies that are sinking untold millions into their own long-range soybean research programs.

Educators at Minnesota, Iowa State, Illinois, North Carolina State, Wisconsin, Purdue and Arkansas have been given grants from the National Soybean Crop Improvement Council for two-year programs that may give further answers to the questions of:

What is the most practical method of controlling pod set?

How do root characteristics affect the growth process?

How do carbon and nitrogen balances affect soybean yields?

Can the protein content of the soybean be improved through genetic means?

Is the rate of nutrient absorption by the roots a limiting factor in soybean growth?

While substantial basic research has been done by educators at land grant universities, many commercial seed producers have also been exploring totally new ground.

"With the recent rise in the significance of soybeans as a cash crop to the farmer and a food source to the world, many companies are putting a greater emphasis on soybean research than they have in the past," says Robert Strosnider, regional research manager for Asgrow Seed Company. According to Strosnider, his company has recently geared up its plans for controlled expansion in the soybean marketplace.

Research, production, quality control and distribution plans all must be coordinated, says Strosnider. But he emphasizes that "it may be four or five years before any truly significant improvements over the certified varieties or blends of the certified varieties will be on hand."

"Our objective is to have signifcantly improved soybeans for sale in all maturity ranges as soon as possible," says Dr. John Schillinger, Asgrow's soybean project leader.

Schillinger is spearheading Asgrow's program at research farms in Ames, Iowa; Sun Prairie, Wisconsin; Oxford, Indiana; Bridgeton, New Jersey; Delray Beach, Florida, and San Antonio, Texas.

"Of course, we can grow several generations in one year in southern climates," says Schillinger. "After enough parent material is produced in Florida, we then move north and grow the stock in the various maturity areas where they eventually will be grown.

Asgrow, along with other commercial seed producers, will encounter the same hurdles in the race for a truly improved soybean variety. Superior genotypes are being developed. Although the process is slow, improved varieties will be available in a few years.

Disease and insect resistance can be identified in certain germplasm, but these problems are more localized and a variety that is excellent in one area may not be suitable in a neighboring state.

Work is being conducted to improve yields through more efficient use of soil fertility, especially potassium.

The germplasm base used in most soybean varieties today is somewhat narrow. About eight parents are responsible for the majority of all soybeans grown in the U.S., according to Schillinger. He is quick to add that the base is not so narrow that there is significant danger of a recurrence of a disease fiasco such as the Southern Corn Leaf Blight outbreak of 1971 which resulted from the majority of the seed coming from susceptible Texas male sterile cytoplasm.

"There are several new potential sources of genetic material," says Schillinger, "most of which will come from the World Collection."

The World Soybean Collection is a large bank of soybean germplasm supervised by the USDA and state scientists at the University of Illinois. New plant introductions are released to plant breeders regularly in the hopes that some exotic variety, native to China, Japan and Manchuria, may exhibit promising characteristics that can be transferred into domestic lines and unlock the door to superior production.

"We have already discovered germplasm from the World Collection that shows potential for certain fertility response," says Schillinger.

FTC Scrutinizing Egg Industry Ads

The Federal Trade Commission is investigating a series of advertisements, sponsored by the egg industry, that disavow a relationship between eating eggs and developing heart disease.

The commission expects to decide within a few months whether to proceed against the industry for "unfair and misleading" advertising. Richard Herzog, director of the commission's Division of National Advertising, said that in light of the importance of the matter, he had directed his staff "to investigate the matter thoroughly and with dispatch."

At issue is the claim made in three industry-sponsored advertisements, published in two national newspapers, that "there is absolutely no scientific evidence that eating eggs in any way increases the risk of heart disease."

Two organizations, the American Heart Association and Action for Safety and Health, a Washington-based legal action organization, have filed complaints with the FTC, challenging the truth of the ads.

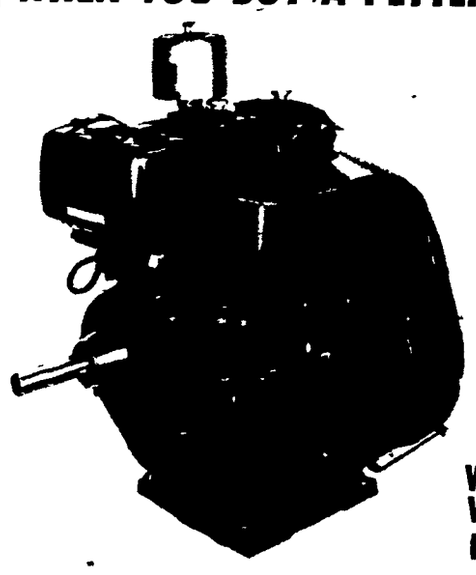
The complaints call upon the federal agency to file a cease-and-desist order, to obtain an immediate injunction to block further such ads and to require "corrective" ads telling consumers how they have been misled.

Should such a case come to trial, it is likely to be an explosive airing of a long-simmering controversy over the relationship between the consumption of high - cholesterol foods and the risk of heart disease.

The yolk of eggs is the most concentrated source of cholesterol among commonly eaten foods. One large egg yolk contains approximately 275 milligrams of cholesterol, or 85 per cent of the amount recommended for daily consumption by the American Heart Association, The National Academy of Sciences and other leading health organizations.

This recommendation is based on a variety of scientific studies that indicate that consumption of large amounts of cholesterol-containing foods raises the amount of cholesterol in the blood and that a high level of cholesterol in the blood enhances the risk of heart disease.

PETTER
QUALITY DIESELS
SAVES YOUR MONEY
WHEN YOU BUY A PETTER WE CAN PROVE IT.



Petter

1½ TO 45 H.P.
CONTINUOUS RATING

BUY NOW —
PAY LATER

WITH PETTERS EXCLUSIVE WARRANTY YOUR SATISFACTION IS GUARANTEED!

OUR BEST SERVICE TO YOU IS AFTER THE SALE
GAS AND DIESEL ENGINE SALES & SERVICE

GEHMAN BROS.
East Earl RD1, Pa. Call Collect Ph. 215-445-6272
1 Mile North of Terre Hill on Route 897

Five big reasons why, if you live or our new Penn Hill office offers y

"For all kinds of consumer loans, we're fast and have terms that're the best around." —Amos Myers, Manager, Penn Hill offic

"At FNB, we pay the absolute highest commercial-bank interest on your savings." —Bob Keene, Assistant Manager

"We provide ing for everyone of age and witho balance." —B

Farmers National Bar
Banking the way y
QUARRYVILLE West Fourth St.

E-Town College to Examine Land Use in Public Meetings

Elizabethtown College has received a grant from The Public Committee for Hmanities in Pennsylvania to sponsor a series of public meetings on the changing character of southeastern Pennsylvania.

According to Aladar F. Kish, director of the College's Community Relations Division, the meetings will focus on three basic questions:

– Are we utilizing our land properly?

– Does the use of the land affect the way we live?

– Should we retain the rural heritage in the face of population pressures and modern technology?

"Through open discussion at these meetings, we hope to foster a better understanding of what effect the repidly changing environment is having on various segments of the population with respect to their fundamental beliefs and values," Kish explained.

The Public Committee for Humanities in Pennsylvania is an affiliate of the National Endowment for the Humanities, which seeks to promote adult educational programs in areas related to lifestyle and human relations.

According to Kish, the College has arranged public meetings in Gap, Quarryville and Ephrata. They will be as follows: Tuesday, March 26, Gap Fire Hall; Thursday, March 28, Quarryville Fire Hall; and Tuesday, April 2, Lincoln Fire Hall in Ephrata. All will begin at 7:30 p.m.

"We urge people living in these areas to attend because we'll be talking about issues that directly affect them," Kish said.

He said the first part of each meeting will be structured, with presentations by persons from various academic fields, and reaction from a panel of community leaders drawn from all segments of the community.

The educators will examine the changing situation in the county from their individual points of view. The others will react to these formal presentations with questions and their own opinions. Members of this group will include representatives of several conservative cultures, business and industry, tourism and education.

Based on this exchange, the meeting then will be opened to a free-wheeling discussion in town meeting style with everyone present participating.

Dr. Wayne L. Miller, executive vice president of Elizabethtown College, will be moderator. Dr. Hays B. Gamble, associate director of land and water research at The Pennsylvania State University, will attempt to summarize each evening's discussion following the open forum.

This is an important timely project, because we know the Lancaster League of Women Voters and the Lancaster Environmental Action Federation recently held meetings on land use," Kish said.

"Our project, while conceived apart from their efforts, certainly will complement their programs by taking the issue again to the grass-roots level, where the people directly concerned can have their say."

The grant from the Public Committee is a matching grant requiring Elizabethtown to cover half the cost of the project.

FUNK'S G-HYBRIDS...A NEW

WORLD RECORD CORN YIELD

306.6 BU./ACRE!

Funk's G-4444 has made a high yield mark for others to shoot at Using G-4444, Orville Montri of LaSalle Michigan, has harvested more corn per acre than any man in history On September 21 1973 Montri harvested a new world record yield of 306 6 bushels per acre, No 2 corn, from 4 4 acres His documented yield won him the title of National Champion in the 1973 Funk's G Project 200 high yield corn growing program

Plant These *Proven* High Yielding Funk's G-Hybrids For 1974

G-4567
G-4646

A. H. HOFFMAN SEEDS, INC.
LANDISVILLE, PA

Funk's is a Brand Name Numbers Identify Varieties FUNK SEEDS INTERNATIONAL INC International Headquarters Bloomington Illinois 61701

The limitation of warranty and remedy on the tag attached to each bag of Funk's G Hybrid seed is a part of the terms of sale thereof

FUNK'S G HYBRID

New Holland Names John Keister V-P

John S. Keister, 149 Roosevelt Boulevard, Lancaster, has been made a vice president for Sperry New Holland and been given added responsibility, it was announced today by Kenneth F. Thompson, company president.

Keister, who has been responsible worldwide for the company's development of new markets and acquisitions, will now also be accountable for long range planning.

He will continue to evaluate and recommend appropriate actions for the company in new markets and new product areas as well as the expansion of existing product lines.

Keister joined the company in 1948 as a sales correspondent. In 1950, he was promoted to sales representative and in 1958 to district manager, where he served until 1964 when he was named product manager. In 1967, Keister became marketing services director and in 1969 regional manager. He was named product development director in 1971 and became director of market development in 1973.

A native of Shippensburg, Pennsylvania, where he attended high school, Keister studied business administration and accounting at Franklin & Marshall College and the Pierce School of Business Administration.

From 1943 to 1945, he served with the U. S. Marine Corps in the Pacific as a staff sergeant. He was recalled to active duty in 1949-50 during the Korean Conflict.

Keister is married to the former Martha Heim of New Bloomfield, Perry County, Pennsylvania. They have four children.

Many Aliases

The beef heel of round has many aliases. Regionally it has been labeled and known as Pike's Peak, Diamond, Denver or Horseshoe Roast. This fanciful labeling has caused considerable shopping confusion. Under the new standard identity system, it's labeled Beef Round, indicating species and primal or wholesale cut, on the first line and Heel Of Round on the second

Easy-on-and-off hex nut size rethreader die quickly restores damaged or corroded threads, avoids having to replace bolts and studs on farm machinery. Matching nut then fits like new.

For further information about Jawco rethreader dies and taps and Nu-Thred thread restoring files, contact Jaw Manufacturing Company, P.O. Box 213, Reading, Pa. 19603.

LANCASTER SILO CO., INC.
2008 HORSESHOE RD.
AND
2436 CREEK HILL RD.
LANCASTER, PA. 17601

OUR SILO'S HAVE "VIBRATED" CONCRETE STAVES FOR QUALITY.

YOUR BEST BUY — A CONCRETE STAVE SILO

For A Complete Feed Lot System, We Feature

STARLINE LABOR SAVERS

SILO UNLOADERS:
Model #70 & #101
CONVEYORS:
6", 8" or 11" Width
BUNK FEEDERS:
#85 - Shuttle Feeder
#217 Auger Feeder
Also Custom Built Units
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"AUTOMATIC" ROLLER MILLS
For High Moisture Grain

RITCHIE and FAIRFIELD LIVESTOCK WATERERS
(Gas or Electric)

WATER BOWLS - STALLS - BARN EQUIPMENT - FANS

ROUND HAY RACKS
"WESTERN" GATES
(6 ft x 14 ft)

Sales - Service Installation

FOR COMPLETE PLANS OR QUOTATION -

CALL:

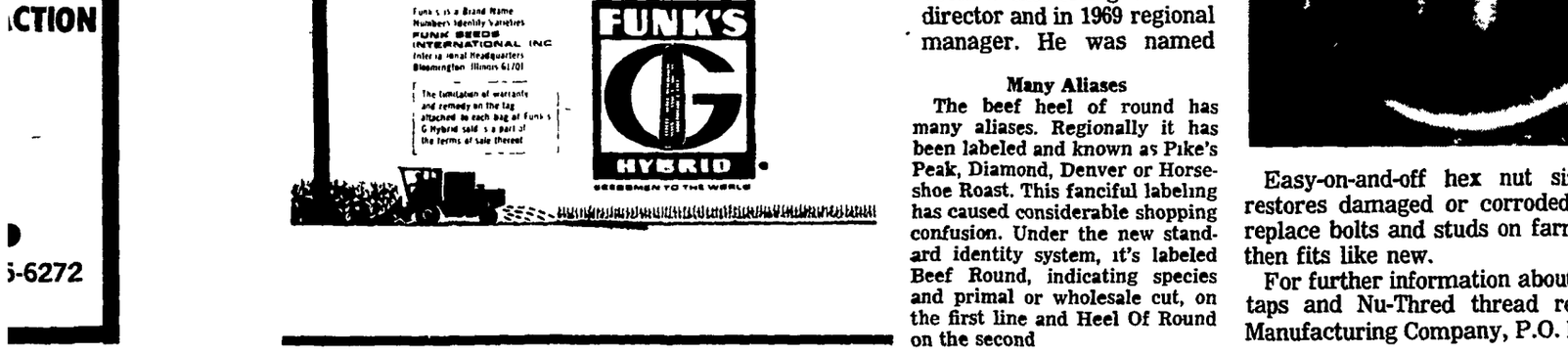
LARRY HIESTAND
717-392-9062

live or work in the Peach Bottom area, ffers you the best banking available.

"We provide free checking for everyone, regardless of age and without minimum balance."
—Betty Sinclair

"Our drive-in window makes your banking a little faster and easier. I'll be the one greeting you."
—Sandy Taylor

"Finally, we've created the nicest and newest banking facilities—including parking—anywhere in Southern Lancaster County."
—Barry Hess



tional Bank of Quarryville
Banking the way you'd do it.
Fourth St. WAKEFIELD Rts. 272 & 222

New Crop Varieties Available

Seed of Pennstar Kentucky bluegrass and Pennfine perennial ryegrass, widely acclaimed lawn grasses developed at the Pennsylvania State University, are more readily available now than in previous years. Both are available from commercial seed dealers and some lawn and garden shops.

Pennstar Kentucky bluegrass is adapted throughout the bluegrass area of the country, according to Dr. Guy W. McKee, secretary of the Agricultural Experiment Station Seed Committee at Penn State. Seed stocks seem to be good, he added.

Pennstar is highly resistant to leafspot, striped smut, and rust. Thickness of established turf is outstanding, Dr. McKee said, being consistently dense over the season and from one season to the next. Pennstar was developed by Dr. J. M. Duich, turfgrass scientist at Penn State.

Pennfine perennial ryegrass is a fine-leaved turgrass with excellent mowing qualities, since it is non-shredding and non-clumping in growth habit. Pennfine does well in mixtures with Kentucky bluegrass. It was developed by Drs. Duich, Herbert Cole, and A. T. Perkins of Penn State. Seed supplies should be better than in previous years.

Dr. McKee announced that two new varieties of hybrid corn, released earlier by the Agricultural Experiment Station, are available this year for the first time. The hybrids are Pa 4202, designed for medium length growing seasons, and Pa 8603, a hybrid for long growing seasons. Both are available in very limited quantities from commercial seed companies.

Pa 4202 is rated as an excellent grain producer and is slightly earlier in maturity than Pa 444 and Pa 4404, two older hybrids for medium length seasons. It has excellent stalk quality and good resistance to yellow, northern, and southern corn leaf blights.

Over a five year testing period, Pa 4202 averaged 131 bushels of shelled corn per acre with a 21 per cent moisture content. The hybrid was developed by Dr. Melvin W. Johnson, corn breeder at Penn State.

Pa 8603 is slightly earlier than two other long season hybrids, Pa 870S and Pa 870SL. Pa 8603 is an excellent grain producer with outstanding stalk strength. It has superior resistance to yellow, northern, and southern corn leaf blights. This hybrid was also developed by Dr. Johnson. In five year trials, Pa 8603 averaged 153 bushels of shelled corn per acre with a 25 per cent moisture content.

Seed supplies of several other outstanding corn hybrids released earlier by the Agricultural Experiment Station at Penn State are on the market. These include Pa 290, an early maturity corn for grain and silage; Pa 604, a medium season hybrid; and Pa 8703, Pa 870S, and Pa 870SL.

Seed of two "old faithful" hybrids, Pa 333 and Pa 444, are also available from commercial seedsmen. Pa 333 was released in 1954 and Pa 444 in 1952. These corn hybrids were developed by the late Dr. L. L. Huber, Penn State's first corn breeder.

As for other new crops, Lathco flatpea is availbable in extremely limited quantities from seed companies. Lathco flatpea is a new legume designed to cover and stablize bare sites such as electrical power lines mine spoil banks, logging roads, and similar disturbed sites where erosion control is needed.

Lathco flatpea is hardy and drought tolerant and adjusts well to a wide variety of soil conditions including low fertility. It is not adapted, however, to poorly drained sites. A viny, perennial legume, Lathco flatpea climbs by means of tendril-bearing stems and spreads from underground stems or rhizomes.

Meeting Planned For Chester Co. Mothers

"You and Your Preschooler" will be the subject of a meeting for Chester County mothers to be held March 13 at the Central Presbyterian Church, Route 113, Downingtown. The Session, sponsored and conducted by the Chester County Cooperative Extension Service will be from 9:30 a.m. to 12 noon. The program is free and open to the public. So that all interested mothers of preschoolers can attend, Carol Rothermel, Assistant Extension Home Economist says a nursery will be available at the meeting site.

The program will include a main speaker, John Williams, Family Life Specialist, Penn State University, who will discuss "You and Your Child's Feelings". Following the speaker will be time to attend two of four worshops which will be offered. Topics covered in the workshops will include Children and Creativity, Reading and Language Development, Your Preschooler at Mealtime, and Your Preschooler's Health.

There will also be handout materials and educational displays for participants to take advantage of.

Interested mothers are urged to contact the Chester County Extension office, 402 North Wing, Courthouse, 696-3500 to register for the session so that we may be adequately prepared for you.

Weaver Promotes Schnader

Stephen M. Schnader, 21 N. Kinzer Ave. New Holland, has been promoted to slicing department foreman in the prepared foods division of Victor F. Weaver, Inc., New Holland, according to Lester B. Weaver, production manager.

Schnader joined Weaver in 1971 upon graduation from Garden Spot High School and has recently held the position of group leader in the special production department.

In his new position Schnader will be responsible for supervising the production operations of Weaver's Sliced Chicken Breast Roll product line.

Weaving Workshop Planned

"Primitive Frame Loom Weaving" will be the topic of an all-day workshop conducted by Mrs. Pat Clearly, a noted area weaver. The workshop session, sponsored by the Lancaster County Extension Service, will be held on Tuesday, March 12th from 9 a.m. to 3:30 p.m. at the Farm and Home Center, Lancaster.

Mrs. Cleary will demonstrate and discuss the basic skills of weaving plus creative ideas for decorative wallhangings for the home. Part of the day's training will give participants a chance to create a wallhanging using a shoe box loom

Interested people are asked to register by calling the Lancaster County Extension Service, Farm and Home Center, 394-6851. Because participants will be guided on an individual basis, only a limited number of registrations can be accepted.

A nominal cost for the educational program will be payable at the workshop. Those who attend will need to provide household items such as a shoe box and yarn for weaving and a bag lunch.

PUBLIC SALE

Farm Machinery, Tools, Antiques Lumber & Ear Corn

SATURDAY, MARCH 9, 1974

at 10:30 A M. Sharp

Located approx ¼ mile north of Hellam Kreutz Creek Exit of Rt 30 by pass at the end of the concrete road turn left between 2 stone pillars to Twin Brook Farm

J D #420 tractor with power steering, 3 pt hook assembly & live hyd , J.D #35 manure loader with snow blade & manure Bucket, J.D. #9W 3 pt. hook 7 ft. mower, J D. model 350 3 pt. hook rollabar hay rake; J D 3 pt. hook carry all; Woods 3 pt hook 6 ft. rotary mower; 20 ft hay elevator with ½ HP motor; all of the above listed machinery is in like new cond , 10 x 38 tractor chains, low farm trailer with dump bed & steel floor, Grove rubber tire wagon, portable air compressor; Oliver 20 gal sprayer with Briggs & Stratton engine, wheel barrow type sprayer; Hoffco power brush cutter & saw, Barnes gasoline powered water pump with 20 ft. suction pipe & 150 ft. discharge fire hose, 100 ft of H.D. 1½ in. rubber hose, Model C-7 Homelite chain saw with 21 in bar & new chain, 40 ft alum ladder, 24 ft & 36 ft wood ladders, platform scales, bag truck, alum shovels, forks, etc. cyclone seeder, lawn roller; misc barn gates, sulkey for riding mower, steel clothes lockers, stake body racks for ¾ ton truck, barb wire, ext cords; wire stretchers, & a wagon load of misc carpenter, garden & hand tools, approx 4000 ft of hemlock board fence lumber size 1" x 6" x 16 ft long, new & seasoned, lots of other lumber & wood, window sash & doors, VW tires & wheels, David Bradley garden tractor with cultivators, antique chairs, dinner bell, small size copper apple butter kettle, steamer trunk, and other items too numerous to mention

Approx 16 tons of ear corn to be sold by the ton

Samuel C. Cornwall,
OWNER
Hellam Br
York #11, Pa.

Robert L Sechrist, auctioneer Ph 382-4379
John Hope Anderson, clerk
Not responsible for accidents
Lunch served

PUBLIC SALE

MONDAY, MARCH 18, 1974

MACHINERY AT 11:00 A.M. SHARP
CATTLE AT 1:15 P.M.

LOCATED IN PERRY COUNTY, 12 MILES NORTH OF CARLISLE, PA. 2 MILES EAST OF LANDISBURG, PA., ALONG RT. 850.

40 Head of Purebred & Grade Holstein Cows & First Calf Heifers

FROM NORTHERN PENNSYLVANIA AND NEW YORK STATE. ALL COWS FRESH OR CLOSE, A FEW SUMMER COWS; HEALTH CHARTS FURNISHED WITH EACH ANIMAL; FREE DELIVERY ON COWS

ALFRED ALBRIGHT
Phone (717) 789-3387
Landisburg, Pa. 17040

ALSO AT THE SAME TIME AND PLACE THE UNDERSIGNED WILL SELL THE FOLLOWING MACHINERY:

Farm Machinery

2010 John Deere tractor; No. 35 Massey Harris self-propelled 8 ft. cut combine; New Holland 68 Hayliner with kicker; New Holland chuck wagon; New Holland Haybine with floating head; I H C 7 ft. PTO pull type combine with bin; John Deere 13-disk grain drill; New Holland No. 510 - 163 bu. tractor spreader.

John Deere portable disk harrow; John Deere 2-row 3 pt. corn planter; John Deere side-mount 7 ft. mower; New Holland wagon with high bale rack; Homemade rubber tired wagon with bale rack. Little Giant 28 ft. elevator with grain chute and PTO; Cardinal grain elevator; small drag elevator.

Two sets of 3 - 14 in. trip bottom mt. plows; New Holland tractor rake; cultivators for 2010; John Deere hyd. 10 ft. tractor harrow; spike harrow; 3 pt. scraper blade; fiberglass tank field sprayer; Cyclone tractor seeder; hyd. remote cylinder; 10 in. bur grinder; fanning mill; Bob sled.

Two-horse plow; 2 good feed carts; cow walk-way lime distributor; electric brooders; some chicken equipment; set of tractor chains for 2010; 3 steel hog troughs.

NOTE: Farm machinery promptly at 11:00 A.M., as there will be very little on the wagon to sell. The above machinery belongs to Mr. Spotts - a neighbor; he is quitting farming and will be selling the entire line. This machinery is all in good condition - some in the manner of new.

JOHN C. SPOTTS
Phone (717) 789-3160

NAUGLE, Pedigrees
SHULL, Auct.
SPOTTS, Clerk

LUNCH STAND

PENNSYLVANIA'S 1st PERFORMANCE TESTED BULL SALE

1:00 P.M.

FRIDAY, MARCH 29, 1974

At
Meat Animal Evaluation Center
Pennsylvania State University
University Park, Pa. 16802
(814—238-2527)

SELLING APPROXIMATELY

50 BULLS

Bulls on test include:

24 Angus	25 Charolais
1 Horned Hereford	6 Polled Hereford
7 Simmental	3 Chianina
1 Red Angus	1 Shorthorn

Approximately 75 percent of these bulls sell

Auctioneer
MORRIS FANNON, Pennington Gap, Va.
Son-o-Ray Results will be in Catalogue

Average Daily Gain for 68 Bulls after 84 Days

3.32 lb./Day

For more information contact
Meat Animal Evaluation Center
SPONSORED BY

PENNSYLVANIA DEPARTMENT OF AGRICULTURE, PENNSYLVANIA STATE UNIVERSITY, PENNSYLVANIA CATTLEMEN'S ASSOCIATION, AND STATE BREED ASSOCIATIONS.

PUBLIC SALE

FRIDAY, MARCH 22, 1974

Located one mile east of Route 230 by-pass from the Schick Razor Plant, 1½ miles south of Route 23 from Zook's Corner, 1½ miles north of the Horseshoe Road at 624 Willow Road, East Lampeter Township, Lancaster County, Pennsylvania.

LIVESTOCK

TWO PAIR OF BLACK MULES
ONE PAIR OF SORREL MULES
NINETY HEAD OF HOLSTEIN DAIRY CATTLE

Forty Head of Holstein Dairy Cows This is a Young Herd of many first second and third calf heifers Five registered animals All have outstanding production potential

Fifty Heifers some springing others bred for summer and fall freshening Balance Open

Penn State Ivanhoe Star, three-year-old son

All T B and Blood Tested

FARM EQUIPMENT

International "560" diesel tractor, 68-h.p., live PTO and pulley; New Holland No 270 baler with motor or PTO; McD 7-ft. grass mower with 8-h p new Briggs motor, New Idea 7-ft grass mower with 5-h.p. Briggs motor, Farmhand wheel rake

McD corn binder with loader like new, McD corn binder with carrier, Two flat bed wagons one with new gear, McCurdy grain bin, field sprayer with fiberglass tank and 10-ft. boom, New Holland flail chopper with Volkswagon motor.

John Deere KBA disc, John Deere spring harrow, Oliver Radex two bottom 12" plow, Oliver Radex 14" single bottom plow, three McD riding cultivators, Case corn snapper, three fore carts, Smoker 24' elevator, Little Giant 34' elevator, drag elevator.

New Idea tobacco planter, John Deere No. 999 corn planter with fertilizer attachment, Int No. 101 manure spreader, used 1 year, Two horse barn yard scraper, Roller, cultimulcher, wood hay rack.

Two Minnich tobacco presses, spring wagon with roller bearings, 1, 2, 3, 4, 5, and 6 horse hitches; harness, collars, bridles, 3 DeLaval milking units

Sale at 10:30 a.m. D.S.T.

Benuel Smucker, Jr.
OWNER

Norm Kolb, Records and Pedigrees
Abe Diffenbach, Jr., and
Abe Diffenbach, Auctioneers
Lunch Available

PUBLIC SALE

OF FARM EQUIPMENT AND HOUSEHOLD GOODS

TUESDAY, MARCH 5, 1974

at 11:00 A.M.

Location: Take Route 72 to Elstonville; at Elstonville take Newport Rd., first farm right.

344 LEYLAND DIESEL TRACTOR
735 hr. 3-pt. Hook-up Fully Equipped - Front End Weights.

350 FARMALL
Fast Hitch - Power Steering

C FARMALL
with Cultivators

1951 CHEV. PICK-UP
with Racks.

Oliver #316 Trip Bottom Plow, I.H. Fast Hitch 2-bottom Plow, N.H. EQUIPMENT: #345 Tank Spreader, 65 Baler, #455 Trailer Mower, #404 Crimper, #56 Rake. J.D. EQUIPMENT: 28-disc Harrow, 13-disc Grain Drill, #15 Flail Chopper, #242 Corn Planter, 3-pt. hookup; 3-section Harrow, Wood Bros. 1-row Corn Picker, 10' Cultipacker, 24' Smoker Elevator, 16' Wikoni Grain Elevator, Deadeni K65A Fertilizer Spreader, 3-pt. Hook-up, like new; 3 Flat Bed Wagons with N.H. Running Gears; Fast Hitch, Scraper, 1520 Winpower Generator on Wheels, 2 Feed Carts, Milk Cans, 5 McCormick Milking Units, Double S.S. Wash Tubs, S.S. Strainer, Steward Cow Clippers, Fly Fogger, Baler Twine, Walking Plow, Forks, etc.

54 TONS EAR CORN — 40 TONS ALFALFA
18 TONS TIMOTHY HAY
11 TONS STRAW — 200 BUS. BARLEY.

HOUSEHOLD GOODS

Caloric Gas Stove, Magic Chef Gas Stove, 2 Chest Freezers, Kenmore Dryer, Frigidaire Refrigerator, 3-pc. Living Room Suite, two 9x12 Wool Rugs, Sofa Bed, Platform Rocker, 7-piece Dinette Set, Piano with Bench, Washstand, Chest of Drawers, Dressers, Bed, Desk, Crib, S.S. Sink Top, Crocks, etc.

Sale by
CARL D. MARTIN

Lunch by Manheim Christian Day School
Not Responsible for Accidents.

Aucts: RAYMOND MILLER
RUFUS GEIB
Clerks: CASSEL MUMMAU
SIMON KRAYBILL

PUBLIC SALE

Saturday, Mar. 9, 1974

Located 2 miles east of White Horse (340), Plank Road left, first lane left, Lancaster County, Penna.

LIVESTOCK

Five Work Horses
60 Head of Holstein Dairy Cattle
31 Dairy cows in all stages of production.
14 Bred heifers.
6 Open yearling heifers.
2 Stock bulls, one registered.
6 Small heifers.

FARM EQUIPMENT

"LA" Case tractor with starter, Papec 16" ensilage cutter with pipe, New Holland No. 69 baler with engine, McD 1-PR 1-row corn picker with Continental engine, like new.

McD 7-ft. mower with AEN Wisconsin engine, John Deere corn binder with loader, also extra loader.

McD 10-ft. spring harrow, McD 8-ft. grain binder, 8-row sprayer, Ontario 10 disc grain drill, John Deere 28 disc harrow, Myers hay crusher, McD steel bottom 2-way plow, two flat bed wagons, two tobacco wagons, Ruth 30-ft. elevator.

David Bradley and New Idea side rakes, New Idea tobacco planter, John Deere No. 999 corn planter, 9-ft. log roller, 4 John Deere riding cultivators, 3 2-wheel fore trucks.

Two horse wagon gears, 2-hole corn sheller, with 40 milk cans to haul water, 30 5-gallon cans, two Minnich tobacco presses, 8000 tobacco lath, 9 sets of front gears, bridles, collars, 1, 2, 3, 4, 5 and 6 horse hitches; forks, shovels, Bamford 5-h.p. Diesel with starter, 2-h.p. compressor.

DAIRYING EQUIPMENT — Deitz 10-h.p. diesel with automatic controls, 3-h.p. compressor, 275-gallon fuel tank, DeLaval 3-unit sterling milker, Surge S.P. 11 pump, 30-gallon gas water heater, gas space heater, stainless steel vats, strainers and carrying pails; 10 milk cans.

HOUSEHOLD ITEMS — Dinner bell, two wash stands, small desk, vanity, rocking chairs, twin tubs, pot bellied stove, sausage stuffer, crocks, misc. items.

Sale at 11:00 a.m. D.S.T.

Jacob K. Beiler
OWNER

ABE DIFFENBACH
ABE DIFFENBACH, JR. - Auctioneers

Saddle Cinches Elect Officers

The Saddle Cinches 4-H club recently held their February meeting at the home of Sue Cassel. The following officers were elected:

Barb Steffy, president; Sue Cassel, vice president; Sherin Nissley, treasurer; Kim Bernhardt and Cathy Keller, news reporters; Deb Brandt, entertainment organizer and Patty Seifert, secretary.

Future events were planned at the meeting, including a trip to Cowtown, N. J., a roller skating party, hayride, Christmas party, bake sale, a 4-H Gymkhana, open horse show, trail ride, trip to Willowbrook, a County Round-Up, picnic and parade.

The club now has a total of 20 members, and is hoping to initiate more new members at the next meeting, to be held March 21 at the home of Barb Helm. Dues are set at a minimum of $3.

Don't Overlook Any Tax Exemptions, CPA's Advise

(This is the third in a series of five articles on 1973 Federal Income Tax returns prepared by the Pennsylvania Institute of Certified Public Accountants as a public service.)

An exemption of $750 for each dependent can help cut an individual's income tax burden, so it's important not to overlook any of the exemptions available.

A taxpayer's first exemption is himself, and if he is at least 65 years old by the last day of 1973 the $750 exemption is doubled. If the taxpayer is also blind he is entitled to a third exemption.

Young children, of course, are dependents and the dependency continues beyond age 19 if they earn less than $750 a year, derive more than half their support from the parent-taxpayer, and do not file a joint return of their own. If the child is a full-time student, the $750 gross income test does not apply, regardless of age.

The rules applying to natural children apply also to stepchildren and those who have been adopted.

Any person who is a member of the taxpayer's household and meets the citizen or residence, income and support requirements and does not file a joint return of his own can be taken as a dependent. In the case of parents, children, and certain other close relatives, it is not necessary that they live with the taxpayer.

If one shares with others in the support of a parent or other dependent, with no one individual providing more than half the dependent's support, it is permissable for one of the contributors of more than 10 percent of the support to take the dependency exemption each year. The others have to declare on Form 2120 that they will not claim an exemption for the individual that year and these forms are filed with the return of the person who claims the exemption.

Any otherwise qualified dependent who was alive at any time during 1973 may be taken as an exemption. This applies to one who might have died on January 1 and to one who was born as late as December 31.

C. H. WOLGEMUTH & SONS
ANNUAL ALL DAY FARM EQUIP. SALE
SATURDAY, APRIL 6, 1974
at 9:30 A.M.

Located: 4 miles West of Manheim, Lancaster Co., Pa. Take Hosler Rd. to Valley Rd. 1 mile W. of E. Fairview Brethren Church. Watch for sale signs.

TRACTORS, BALERS, COMBINES, HARVESTERS

Large equip. of all kinds, DAIRY supplies, Hardware, Tools, Hay and straw, Cousin with dry goods, anything for a large or small farm sold on commission, NOTICE - FARMERS and DEALERS, Market is strong on good machinery. Bring in your equip. early. Goods brought in last will be sold last. Open to receive goods from March 27 till sales day from 8 to 6. NO GOODS received Sat. morning, April 6 except by appointment. Lunch available - Closed Sundays. Advertising deadline March 29.

FOR INFORMATION CONTACT
C. H. WOLGEMUTH, Sale Manager
Ph. 665-5664

PUBLIC AUCTION

DAIRY SALE

100 HEAD OF HOLSTEINS

COMPLETE HERD DISPERSAL

THURSDAY, MARCH 7, 1974

SALE LOCATED 5 MILES NORTH OF ROUTE 222 ALONG 897, 2 MI. N. OF REINHOLDS

This is a complete dispersal of the Arthur Bone herd from Chester County. This is an extra good young herd with about half fall cows. D.H.I.A. records, certified & accredited, and checked for pregnancy. At least half of the herd is registered, featuring CITATION R. MAPLE - KING PIN - DOUBLE TRIUNE - and other Popular Atlantic and A.B.S. Sires. If in need of foundation cattle, show cattle, or milk, DON'T MISS THIS SALE.

Remember - This is the place for Bargains!
HEALTH CHARTS NITE OF SALE

Randal Kline - Auctioneer
Vernon and Ray Kline - Owners
Phone Area Code (215) 267-2368 or 267-2298
Not Responsible for Accidents
Refreshment Stand

SPECIAL SALE AT NEW TIME - 12:30 NOON

PUBLIC SALE

SATURDAY, MARCH 16, 1974

9 A.M.

Located in Perry County, 8½ miles west of Marysville and 4 miles east of Shermansdale, and ½ mile south of Rt. 850. Watch for sale signs along Rt. 850.

FARM EQUIPMENT

(ALL IN GOOD CONDITION - SOME LIKE NEW)

John Deere No. 45 - 12 ft. self propelled Combine (1 yr. old); 2520 John Deere Tractor; 2510 John Deere Tractor; 420 John Deere crawler; Farmall H with cultivators; John Deere 3 - 14 in. bottom mt. plows; John Deere 3 - 16 in. bottom plows on rubber; John Deere manure spreader on rubber.

John Deere hay turner; John Deere No. 48 manure loader; John Deere hay baler with kicker; John Deere wide tread hay wagon with rack; Coby wagon with hay rack; home made wagon with hay rack; John Deere tractor rake with pony wheel.

John Deere No. 300 elevator; John Deere 15A flail chopper; John Deere portable disk harrow; John Deere two-row corn planter; John Deere brush hog; 3 section harrow; 2 tractor mowers; IHC hay conditioner; Massey Harris two-row corn picker; post hole digger (3 pt.); dump rake; New Idea manure spreader.

Farm trailer; Brillion cultipacker; wood buck; Papec ensilage cutter; 2-horse wagon; 3-section harrow; 2 McCormick disk grain drills; IHC No 6 grass wagon.

1952 CHEVROLET V TAG TRUCK WITH GOOD BED - VERY GOOD SHAPE

IHC DUMP TRUCK (FAIR) - OLD ROAD GRADER

Air compressor; chain hoist, rope; heavy battery cables; grease gun; wheelbarrow; planer; ladders; anvil; lumber - 2x6, 2x8, 4x4; 50 bags of 6-12-12 fertilizer; digging irons; large vise; jacks; ½ in. drill and bits; ½ in. socket set; set of box end wrenches; 2 battery chargers - 6 & 12

Cant hooks; wire stretchers; roll of wire; electric motors; chains; wood wheelbarrow; steel hog trough; horse cultivator, 55 gal. drums; hyd. jack; new tractor chains and other small items.

HOUSEHOLD GOODS

Frigidaire refrigerator; Shelvidore refrigerator; old flour chest; Minnesota treadle sewing machine; picture frames; iron bed, wringer washer; dated jars; dishes, pots and pans

BUTCHER TOOLS

Scalding trough; 4 iron kettles; meat grinder, steelards; 3 meat benches; stirrers; hog hangers, lard press, tubs; and other items

MRS. GEORGE W. LIGHTNER
(Phone (717) 957-2288

DEAN SHULL, Auct.
EGOLF, Clerk
LUNCH STAND RESERVED
NOT RESPONSIBLE FOR ACCIDENTS

Conservation Cost-Sharing Guidelines Are Announced

Representatives of the agricultural agencies in Lancaster County met last Wednesday to develop and approve the Rural Environmental Conservation Program for the county. The group included representatives of Agricultural Stabilization & Conservation Service, Soil Conservation Service, Forest Service, Soil Conservation District and Cooperative Extension Service.

R.E.C.P. is a national program to encourage conservation of soil and water resburces by private farm and woodlot owners and operators. Practices approved apply to the three phases of the Rural Environmental Conservation Program:

1. Annual conservation practices

2. Long Term Agreements - Conservation practices approved and performed in accordance with a conservation plan approved by the county Soil Conservation District. Agreements run from three to ten years.

3. Forestry Incentives Program - Provides cost-sharing to stimulate timber production.

Practices approved for the county include:

1. **Establishing permanent vegetative cover** - To provide permanent cover on land that is subject to erosion and is being permanently removed from the regular crop rotation system.

2. **Improving permanent vegetative cover** - Measures needed to improve or protect permanent vegetative cover or to materially extend the life of such cover.

3. **Planting Trees** - Establish a stand of forest trees for timber production purposes and to preserve and improve the environment.

4. **Improving a Stand of Trees** - Improvement to increase production efficiency on sites suitable for the production of sawtimber and veneer logs.

6. **Stripcropping** - Establish a contour or field stripcropping system to protect soil from wind or water erosion.

7. **Constructing Terrace Systems** - Establish terrace systems on cropland subject to erosion from water runoff.

8. **Diversions** - Diversion terraces on farmland subject to erosion from excess surface or subsurface water runoff.

9. **Streambank Stabilization** - To prevent loss of farmland from streambank or lake shore erosion and prevent or reduce sediment pollution of water.

10. **Permanent Wildlife Habitat** - For farmland needing protection from erosion and which is suitably located and adapted to establishment of permanent wildlife habitat.

11. **Sediment Retention Erosion or Water Control Structures** - To prevent or reduce erosion and pollution of land or water by use of erosion control dams (excluding water storage type dams), desilting reservoirs, sediment basins, debris basins, or similar structures.

12. **Sediment, Chemical or Water Runoff Control Measures** - To prevent or reduce erosion and pollution of water or land by use of vegetated filter strips, protective outlets, sod waterways, tree plantings, or permanent grass cover.

The maximum cost-share to the farmer will be 75 percent of the average cost of the practice, not to exceed $2500 to any farmer in one year. Higher rates of cost-sharing (up to 80 percent of the cost) are authorized for low-income farmers.

Farmers can enroll now at the ASCS Office for the annual program or the forestry incentive program.

The program for long term agreements will open March 1 and close April 26. Applications for this program cannot be accepted unless the farmer has a complete farm plan with the Soil Conservation District.

Interested farmers should contact the ASCS Office for practice details.

Broken Bit 4-H Meets

The February 18 meeting of the Broken Bit 4-H Horse Club was held at the home of Buddy Shenk, Elm. President Cindy Enck conducted the business meeting.

The club will hold its annual hoagie sale on March 2. On March 17, the club will take a field trip to Valley Forge Military Academy for a varsity polo match.

May 25 is the definite date for the spring horse show. It will be held rain or shine at Kurtz's Riding Stable, Denver. Members of the show committee are Cindy Enck, Jane Gregory, Natalie Immel, Rick Buckwalter, and Karin Risser.

The club received information concerning the upcoming meetings on horse judging, horse bowl, and demonstrations from leaders.

Tuesday, March 12 has been scheduled as the next club meeting. Anyone interested in joining the Broken Bit 4-H Horse Club is welcome to attend.

TRY A CLASSIFIED AD
PHONE 626-2191 or 394-3047

DAY
HORSE SALE

WEDNESDAY, MAR. 6, 1974

PAUL Z. MARTIN'S

2 MILES EAST OF INTERCOURSE, PA., ALONG ROUTE 340.

6 PAIR of Outstanding MULES for Mel Kolb.
Load of WORK HORSES and MULES and SADDLE and DRIVING HORSES from Kentucky.
Load of STANDARDBRED HORSES from New York State for Rueben Stoltzfus.
Load of STANDARDBRED HORSES from Ohio for Paul Martin, Jr.
Load of STANDARDBRED HORSES from Canada for Jack Mateson.

LOCAL HORSES

Horses Hitched at 10 a.m. Tack at 11 a.m. Horses at 12 noon

PAUL Z. MARTIN
BLUE BALL, PA. 17506
Residence — 717-354-6671
Business — 717-768-8108

MARTIN AUCTIONEERS

DRAFT HORSE and MULE SALE - WEDNESDAY, Mar. 20 at 12 noon
EQUIPMENT SALE - WEDNESDAY, March 27 at 9:30 a.m.
HAY and STRAW SALE EVERY WEDNESDAY at 12 noon

6th ANNUAL
SPRING SALE

SATURDAY, MAR. 9, 1974

10 miles East of Lancaster, ½ mile North of Paradise Bank off Route 30, 1 mile South off Route 340 along Old Leacock Road.

HORSES AND MULES

1 pr. 3 yr. old sorrel mules, 3, 4, and 6 yr. old sorrel mare mules, 5 yr. Old Roan mare, 7 yr. old gelding. New and used harnesses, 6 used Western saddles.

NEW AND USED FARM MACHINERY

680 CASE TRACTOR (DIESEL) WITH 6' FRONT END BUCKET AND MANURE LOADER, 250 AMP LINCOLN WELDER WITH MOTOR, 6 H.P. 3 Phase MOTOR, #9 Silo filler, MC PTO. Corn Binder, Mc long Loader, #5 J.D. Grass Mower, Mc. 2 way plow with new steel bottoms, 2 Bottom 12" Oliver Plow, Mc riding Cultivator, Single Cultivators, J.D. 999 Corn planter, Feed Carts, Wooden wheel Farm Wagon, Water Tank on wooden wheels, New Holland Baler-Tarp, New VICON HAY RAKE, small gas engines.

NEW AND USED HOUSEHOLD GOODS

Sofa beds, 8 pc. Dining room suit, Old kitchen Range, Extension tables, Drop leaf table, 2 Kitchen sets, Bedroom suits, Plank bottom chairs, Rocking chairs, Dressers, Meat slicer, Office furniture, New Typewriter, adding machines, New 100% Acrylic blankets, Comfort, Multicolor patch and Schoolhouse pattern Quilts, New rain coats, COUSIN WITH DRY GOODS, New oil heaters, 35, 50, & 70 thousand BTU, Used 30" and 36" Gas ranges (black), Servel gas refrig., Campstoves, Portable heaters, New Coleman gas lanterns, Groceries, Fruit, 200 Sheets of paneling, New and used tools, 70 piece tool kits, Block and Tackle, 2 ton Yale chain hoist, Hydraulic press 20 ton capacity, Binder twine by bale, New Butler 4.9 ton feed bin, New 1 horse cart, New spring wagon, New Amish buggy, Carriage pole, Market wagon tops, power lawn mowers, Electric golf cart, Floor type Gas Heater.

ANTIQUES AND COLLECTORS

Ox yoke, Iron kettles, Broad axe, Betty lights, Sleigh and Dinner Bells, ice box, Wheelbarrow, Old dishes.

AND MANY OTHER ITEMS

HAY AND STRAW AT 12 NOON

SALE AT 9 A.M.

Goods Sold on Commission

TERMS BY
GORDONVILLE FIRE CO.
GORDONVILLE, PA.

AUCTS.: Ira Stoltzfus
William Hossler
Leroy Zook

Not Responsible for Accidents

FOOD BY LADIES AUX.

PUBLIC SALE
OF FARM EQUIPMENT, TRUCK, CORN and HOUSEHOLD GOODS

SATURDAY, MARCH 16, 1974
at 10:00 A.M.

LOCATED AT 825 BEAVER VALLEY PIKE, 6 miles South of Lancaster along Route 222. Lancaster County, Pa.

117 TONS CORN, D-17 Allis-Chalmers gas tractor, W. D. Allis-Chalmers tractor with manure loader, snow blade, cultivators & chains. G. Allis-Chalmers tractor with hyd. cultivators, C No. 9 A.-C. tractor with 2 - 14" bottom plows & cult. Farmall M tractor, No. 26 Massey-H 10' self propelled combine, 1953 Inter. pick-up truck - 6 cyl. - racks. No. 66 N. H. baler with power take-off, N. H. No. 350 grinder & mixer, A.-C. 16" 3 slate bottom plow, 7' No. 80 R mower, 10' A.-C. 20" disc. on wheels, A.-C. 2 row corn planter, A.-C. hay rack, No. 323 N. I. single row corn picker, Oliver 16 disc. drill, metal grain bin on wheels with auger, 10' spring harrow, 10' cultipacker, hay crimper, rotary beater, 2 N. I. No. 12 manure spreaders, No. 112 J. D. 10 hp riding mower, 32' Cross elec. 1 hp motor, 275 gal. water tank, 14' flat bed wagon, dump wagon, Ironage potato planter & a potato digger, 20,800 tobacco lathe, 2 row Stauffer transplanter, 2 double & 4 single tobacco ladders, 3 tobacco presses, sizing boxes, platform scales, coal heatrola, hyd. pumps & rams, old wagon bed, irrigation system, elect. welder, air compressor & grease gun, Farmers Friend, elec. bench grinder, bench vise, pipe threader, jacks, hand seeder, baling twine, log chains, hog feeders & iron troughs, bag wagons, wooden wheel barrows, 4 feed carts, 100' bull & other ropes.

Wooden & metal drums. Chicken equip.: gas brooders, feeders, waterers & crates. Elec. fencer, iron stakes, wire, bushel crates, baskets, hand & barn tools. Other misc. farm articles.

G. E. 2-door refrig. - frost free, chest freezer, G. E. elect. stove, wringer washer, 3 pc. waterfall bedroom suite, 10 pc. walnut dining room suite, sofa, uph. arm chair, sofabed, 4 x 8' pool table, pine wardrobe with drawers, child's roll top desk, oak desk & rockers, record cabinet, end & coffee tables, table lamps, market scales, iron kettles, lg. crocks, milk cans, rolls of burlap, dolls & toys, everyday glassware & china. Elec. appliances & other misc. articles. Food available. Not responsible for accidents day of sale.

Sale by
J. Warren Eshleman

HOWARD SHAUB, Auctioneer

PUBLIC AUCTION
VALUABLE REAL ESTATE; FARM MACHINERY; OATS; HAY; OATS STRAW; CHICKENS; TOOLS

SATURDAY, MARCH 9, 1974

11:00 a.m. D.S.T.

The undersigned discontinuing farming will offer for sale on the premises 2 miles northeast of Fawn Grove, 1½ miles southeast of Gatchelville turn on Walnut Grove Road in Fawn Twp. York Co. Pa. Arrow signs posted.

REAL ESTATE

Farm consisting of 98 acres more or less improved by a 1½ story frame dwelling, kitchen; dining room, living room; recreation room which has ½ bath, open stairway leading to 3 bedrooms and full bath on second floor; full basement with oil fired baseboard hot water heating system, single car garage under recreation room, 36'x58' block modern barn with running water, machinery shed; well water and three never failing springs, some standing timber, near High and Elementary schools; churches and stores. Farmers, builders, developers and investors there is over ½ mile of road frontage. Be sure to inspect this property, by appointment phone 717-382-4221. Will be offered for sale at 2 00 p m.

FARM MACHINERY

Ford 9 N tractor with hydraulic, Ford Jubilee tractor with live hydraulic practically new tires; J D #415 two bottom 14" plow 3 pt hitch, I H C. rubber tire manure spreader; I.H.C. 7' disc; J.D 3 section spring tooth harrow; J D. 2 row corn planter with fertilizer attachment, N H #45 mower 7' cut 3 pt hitch practically new, I.H C. 3 bar side-delivery rake, Mayrath 30' hay and grain elevator with motor; Mayrath drag elevator, Hamill 3 pt. hitch cultivators, Wood Brothers single row P.T.O. corn picker, Fay Rite grain bed, Rubber tire wagon with 15' flat bed practically new, Oliver 13 disc grain drill, Sears 3 pt. hitch crane, Danuser 10" P T O post hole digger, circular wood saw on frame, 2 wheel farm trailer no bed, dirt scoop, 2 hole corn sheller, Ford tractor chains, cyclone seed sower, log and grab chains, corn planter & horse drawn mower for parts, also 18 laying hens and rooster

HAY-OATS STRAW-OATS

Approx 14 tons of good timothy hay, approx 4 tons of oats starw, approx 150 bu of home raised oats There are tools, iron and other items too numerous to mention Not responsible for accidents day of sale

Also Bedroom Suite Dressers, Holstein bull approx 550 lbs., Holstein heifer 6 mos old

Lunch rights are reserved

Terms - Personal property cash, Real estate - 10% down day of sale, balance in 30 days upon full settlement and possession Real Estate subject to prior sale

MR. & MRS. RAY F. BLEVINS
Owners

Charles W. Shrodes
David W. Shrodes - Auctioneers
Phone 301-996-2424 or 452-8617

PUBLIC AUCTION

VALUABLE FARM EQUIPMENT & TOOLS

SATURDAY, MARCH 23, 11:00 A.M.

LOCATED SOUTHEAST OF MANHEIM, PA. ALONG TEMPERENCE HILL ROAD ¼ MILE OFF FRUITVILLE PIKE.

Consisting of the following items. Massey Ferguson 50 tractor, 656 IHC High Clearance tractor. A.C. no till planter. N.H. 518 manure spreader. Huskee 200 gal. sprayer Ferguson side rake, McCurdy grain wagon. Cardinal elevator, case elevator, Zimmerman Blending auger. Gehl P.T.O. Hammermill, 3 pt. cultivator; Oliver 242 disc harrow, 3 pt. blade Oliver 434-3 bottom plow, rotary mower, Sauder Hydraulic loader, brillion packer. Rotary Hoe, spring harrow. Endless belts, roper post hole digger, Elec. grass seeder, Concrete mixer, platform scale. Metal posts. Wagon. Hog feeders. Chicken coops and poultry equipment. Numerous misc. items of value not listed. LARGE ROLL TOP DESK. Food on premises by Mothers of Good Cheer. Erbs Mennonite Church.

SALE BY

IDA BRUBAKER

Executrice for John Brubaker Estate

ELMER M. MURRY, AUCT.

Rich & Ken 626-5244

PUBLIC SALE

FARM EQUIPMENT, HOLSTEIN DAIRY CATTLE

THURSDAY, MARCH 14, 1974

11:00 A.M.

Located on the farm along Rt 934 south of Annville in South Annville Twp., Lebanon County, Penna Turn south onto Route 934 at traffic light on 422 in Annville and proceed 1 mile to farm or turn north off Route 322 onto 934 and proceed approximately 3 miles to farm

70 HEAD GRADE HOLSTEIN DAIRY CATTLE

43 milk cows 12 bred heifers

15 heifers 2 to 15 mos.

A milky, well-bred herd – 1973 milk weight receipts show 14,360 lbs. milk sold per cow. All cows born and raised on this farm. Curtiss sired and carrying service to Curtiss bulls such as Astro Idealist, Adonis, Royal Successor, Arlinda Double, Valentine El Minuteman and others.

5 cows due March
14 cows due April - May
6 cows due June - July
12 Bred for fall freshening

Certified - Accredited Health Charts Day of Sale
All Calfhood Vaccinated Pregnancy Examined

Catalogs **Sale in Tent**

12 outstanding - well-grown bred heifers
4 due March - April **3 due early summer**
5 due Sept. - Oct.

Note: This is a good uddered, hard working herd that is sure to please the most discriminating dairyman. Plan to attend & select replacements for your herd.

OLIVER 1655 DIESEL OVER-UNDER HYDRAULIC SHIFT

with wide front end, front and rear weights, with less than 550 hrs., 460 INT gas, TORG-CONVERTER, POWER STEERING and new rubber, Super M gas tractor, Oliver 88 row crop gas tractor

Int 450 3-16 auto reset plow, Int 311 2 pt trip plow, MH - 2 Int corn picker, Int 33 loader, Int 32 disc harrow, Int 56 4 row corn planter with Gandy insecticide att., Int rubber tired side rake, 2 pt platform, 2 pt to 3 pt adaptor, McCormick trailer mower, and Int 28 disc wheel carrier harrow

PT 7 HESSTON MOWER CONDITIONER (NEVER USED)

NH Super Hayliner 68 baler with engine bale thrower, NH 33 field chopper, NH 30' bale elevator with swivel chute, JD #12 PTO harvestor with 1 row corn head, Kasten front and rear unloading wagon with flotation tires, Ontario rubber tire 14 disc drill, Little Giant gravity bin on running gear 4 flat bed wagons with hay sides King Wyse b 59 blower with pipe, Chattanoga cultipacker Midwest plow harrow Oliver 364 cultivator land roller, stalk pick up pusher, lime spreader 2 wheel trailer green chop wagon Century sprayer on wheels and spike harrow

NEW HOLLAND 327T PTO SPREADER - LIKE NEW

2 set 11 38 tire chains heat houser cylinders, saw buck, mineral feeder 10 bale twine, and 4 section spring tooth harrow

Small quantity hay straw, corn

No small items - Everything has been well taken care of and is in excellent condition This is some of the best used equipment to be offered in this area this spring

Sale order Equipment, cattle

Conditions by

LLOYD R. EARLY

HARRY H. BACHMAN, Auctioneer
Ed Arnold - Announcements
Lunch by Cornwall United Methodist Church

Maryland Researchers Unveil Technique For Johnsongrass Control

Agricultural research workers at two Middle Atlantic agricultural experiment stations have achieved still another calibration mark for zeroing in on an effective control program for johnsongrass.

In a technical paper presented recently at the forteenth national meeting of the Weed Science Society of America in Las Vegas, Nevada, Dr. James V. Parochetti, associate professor of agronomy at the University of Maryland in College Park, reported on promising results obtained in a 3-year study with glyphosate, an experimental foliar systemic herbicide.

Studies were concentrated on the Eastern Shore areas of both Maryland and Virginia in cooperation with Dr. Gordon W. Burt, fellow agronomist at the University of Maryland, and R. H. P. Wilson, plant physiologist for the Eastern Shore branch of the Virginia Truck and Ornamentals Research Station at Painter, Va.

Results of the joint research effort showed that glyphosate leaves no soil residue. In addition, the finding means that glyphosate lends itself to no-till cropping systems, particularly where winter wheat and barley will be planted in the same season that the new herbicide is used.

Their research found that:

— To be most effective, glyphosate should be applied in mid-summer when johnsongrass plants are fully mature; i.e., in the late boot or early seedhead stage.

— Temperature is a fairly critical factor; best results occur when spray applications are made in a temperature range of 60 to 80 degrees F.

— Post-directed applications cannot be made in fields of growing corn and soybeans; glyphosate kills corn plants and severly stunts soybeans.

— Plowing within a week after application to expose johnsongrass rhizomes enhanced johnsongrass control.

As Extension weed control specialist for Maryland, Dr. Parochetti explained that the foliar spray, glyphosate, can be used prior to plowing and planting late-planted soybeans in combination with a residual herbicied such as trifluralin (Treflan) for seeding johnsongrass control.

But the Maryland specialist cautioned that glyphosate has not received label clearance from the federal government's Environmental Protection Agency, so it probably will not be generally available to agricultural producers for at least another year. Glyphosate will be sold under the trade name Roundup by the Monsanto Company of St. Louis, Mo.

Club Meets

The northern Lancaster County 4-H Soil and Water Conservation Club met for the second time on February 21. The meeting was brought to order by David Burkholder. John Deimler gave the minutes and Charmaine Donmoyer gave the treasurers report. Ronald Althouse gave the Conservation Pledge.

At the meeting, it discussed how money could be raised. Each member selected one of the experiments from the Conservation Book.

The next meeting is scheduled on March 7.

PUBLIC SALE

89 HEAD HOL. DAIRY CATTLE FARM EQUIP., HOUSEHOLD GOODS

THURSDAY, MARCH 21, 1974

located 2 miles north of Womelsdorf, turn west off Rt. 419 at Horseshoe Tavern, 1st farm. Marion Twp., Berks Co., Pa.

Sale Time 10 A.M.

89 head registered & Hi-Grade holstein dairy cattle including: 52 cows in various stages, 8 bred heifers, 24 open heifers, 1 registered breeding age bull sired by Arlinda Chief. Includes 14 Arlinda Chief daughters, 3 Paclamar Astronaut daughters and other popular Curtis bulls. Herd is certified and accredited. DHIA testing, average 15,000 lbs. with 515 fat and 3.6 test. Health certificates furnished, catalogs available upon request. Dairy cattle sold at 1:00 P.M.

1955 Ford 350 truck with cattle racks; Ford 960 tractor, p.s., mtd. cult. for same; Ford 640 tractor, wide front; M.F. 65 diesel tractor, p.s., wide front, No. 200 industrial loader mtd. on same with fork, scoop, V-plow; Ford Jubilee tractor; M.H. Super 92 combine with 12' head; N.H. No. 469 Haybine; Ford No. 515 3 pt. mower; Ford crimper; (2) 4 whl. wagons with bale sides, wide track; Ford No. 530 baler with thrower; Ford 3 pt. side rake; 1 ton port. feed mixer; Ford 10' transport disc; Brillion 10' cultipacker; Ford No. 602 2 row mtd. corn husker; Gehl No. 72 flail chopper; 4 sec. spring tooth harrow; 3 sec. peg tooth harrow; gravity flow wagon; Little Giant 38' bale elev.; trailer type weed sprayer, 200 gal. fiberglass tank; Ford manure spreader; Ontario 16 disc grain drill; 3 pt. cult.; corn drag elev.; Cardinal elev.; 2 feed carts; tobacco lath & bale press; 10' grain auger; 15 K.W. pto elec. generator; false front unloading unit; forks, shovels; heat housers; large turkey feeders; wire fencing; floor gas furnace.

Philco elec. stove; Maytag wringer washer, 3 pc BRS; single beds; tables; buffet, antique rocker; chairs, dated jars; wood chest; comforts; dishes; 22 cu. ft. chest type freezer.

Refreshments Served — Terms - Cash

Auct. - RALPH W. ZETTLEMOYER
Appr. - Sherwood Zettlemoyer
Tele. - 215 285-4616

Sale For - GEORGE BRUBAKER

PUBLIC SALE

OF FARM EQUIPMENT

Friday, March 8, 1974, 11:00 A.M.

K & D FARMS - Willow Hill, Pa.

LOCATED: 1 mile North of Willow Hill, Pa. - on Mt. Green Rd. 3 miles off Pa. Turnpike at Willow Hill Exit

J.D. 3020 Diesel Tractor - Narrow front; J.D. 2520 Diesel Tractor - Wide Front; J.D. 2020 Tractor; J.D. 48 Loader with 60" Material Bucket for 2020; J.D. 530 Tractor; J.D. 45 Combine with 10 Ft. Grain Head; 2 Row Corn Head for 45 Combine.

Int. 3 pt. 7 ft. Mower; New Holland 469 Haybine; New Holland Roto Bar Rake; New Holland 53' Elevator; J.D. 24T Hay Baler with Ejector; J.D. 16A Flail Chopper; J.D. Forage Harvester; Corn Head and Hay Head.

J.D. 4 Bottom 16" Plow - Automatic Reset F-345; J.D. Disc harrow AW; J.D. 12' Roller Harrow; J.D. 11' KBA Disc; J.D. 4 row 3 pt. Culti.; J.D. 494A Corn Planter; J.D. FBB Grain Drill.

J.D. 4 Sect. Rotary Hoe; J.D. Gyho Mower; New Holland 475 Spreader; 2 J.D. Dumpwagons - Grain Tight; J.D. Forage Wagon; Shaver Post Driver; Self Feeder Box on Chev. Truck; Grease Tank

AUCTIONEER'S NOTE: - This Sale will start promptly at 11 o'clock There are no small items to mention This machinery is in very good to new condition DON'T miss this sale if you are in need of equipment

TERMS: - Cash or Good Check

K & D FARMS
Willow Hill, Penna.

Auctioneer: BLAINE N. RENTZEL
Box 222, Emigsville, Pa., Ph: 764-6412

CONSIGNMENT SALE

FARM & INDUSTRIAL EQUIPMENT

SATURDAY, MARCH 16

10:30 A.M.

Sale located at West Nottingham Sale Barn, Rte. 276, Rising Sun, Md., 1 mile south of Rt. 1.

New and Used Equipment, Trucks, Tools, etc.

Consignments should be in by March 5 for advertisement.

One consignor going out of business and will sell entire Inventory. Partial listing follows:

Case 970 w-cab, approx. 600 hrs.; AC 180 tractor; David Brown 1200 65HP tractor; Int. 240 gas tractor; H tractor and loader; 656 gas tractor; Farmall M Tractor; 550 IH chopper with 2 row head; 16 IH chopper w-1 row head; 350 N.H. mower, 3 pt. hitch, like new; 68 N.H. baler w-thrower; 469 N.H. haybine, 9 ft., like new; 24 N.H. Blower; Farmhand forage wagon; Disc Harrow; Cultivator for C tractor fast hitch; 2 pt. IH 3 bottom plow; 2 A IH hay conditioner; 750 N.I. hay conditioner; 3 pt. hitch backfill blade; Ford 3 pt. hitch Hammer Knife mower; New 510 N.H. 163 bu. single btr. spreader; New 352 IH 4 row rotary cultivator; New 725 N.I. 3 row narrow corn head for Uni-System; New 3 pt. Mott hammer Knife mower 6 ft.; New 3 section IH harrow; Garden tractors, Riding Mowers, new and used; 311 Ford 4 row corn planter; 460 IH gas tractor Utility w-loader; H tractor w-loader; 440 IH baler w-thrower, like new; Concrete mixer; dump carts, JD 2 bottom plow; Heathouser; J.D. disc; 479 N.H. Haybine, like new; J.D. hay fluffer; Oliver Lime spreader; Ford hitch 2 bottom 3-16 plow; wire corn cribs; 1959 Chev. pickup; 1969 Ford pickup; 1969 Chev. pickup; 269 N.H. baler; AC D19 tractor and utility trailers.

PHONE 301-287-8937
SALE OPERATED BY

S. Lee Moore

Terms cash day of sale.
Checks approved by management only

Farm Policy Conference Scheduled in Harrisburg

Issues which will have a significant bearing on the future direction of agriculture will be explored at a Northeastern States Farm Policy Conference scheduled for March 27-28 at the Host Inn in Harrisburg.

The invitational conference, titled "Who Will Control U.S. Agriculture," will bring together approximately 400 agricultural leaders from Pennsylvania and surrounding states to study future choices of agricultural control.

A team of specialists from the Midwest will serve as session speakers and discuss the various choices of agricultural control, including the independent farmer, open market system; corporate system; cooperative system; government administered system; and combination system.

Sponsor of the two-day program is The Pennsylvania State University Cooperative Extension Service, in cooperation with the Northeast States Extension Services.

Speakers include Harold D. Guither, of the University of Illinois at Urbana; Wallace Barr, of Ohio State University; Leonard R. Kyle, of Michigan State University; Donald D. Knutson, of the Farmer's Cooperative Service, U. S. Department of Agriculture; and J. Carroll Bottum, of Purdue University.

"Sessions are not designed to arrive at specific recommendations or decisions on what system or systems would be most beneficial," said Fred A. Hughes, Penn State Extension farm management specialist and conference chairman.

"It is designed to provide information and serve as a catalyst to assist farm leaders in dealing with legislation through the normal democratic channels," he added.

Mr. Hughes points out that the Pennsylvania Cooperative Extension Service plans to follow this conference with a series of regional meetings in 1975 to reach more agricultural leaders in Pennsylvania.

The Honorable Jane Alexander, Deputy Secretary of the Pennsylvania Department of Agriculture, will serve as banquet speaker March 27 discussing "What Does the Consumer Want?"

Sheep Feed Efficiency Mark Set at Penn State

An all time feed efficiency record has been established at Pennsylvania State University's Meat Animal Evaluation Center by a pen of Shropshire market lambs, according to Robert L. Kimble, director of the center. The lambs entered in the Market Lamb Progeny Test came from the Lawrence County farm of Guy M. Fullerton.

Fullerton's wether lambs attained a feed efficiency ratio of 3.51 lbs of feed per pound of gain. This is the best ratio for feed efficiency recorded for market lambs since the testing program began in 1967, Kimble reports. The 3.51 record of Fullerton's Shropshires is well below the ratio required to meet "Superior Sire" classification which is 4.50, while "Excellent Sire" and "Good Sire" classifications require ratios of 4.75 and 5.00. A pen of Hampshires tested simultaneously with Fullerton's wethers had a feed efficiency ratio of 4.43 pounds of feed to pound of gain.

The lambs were sired by a registered Shropshire ram, McKerrow's Sir Andrew X2149 bred by the McKerrow Farms of Pewaukee, Wisconsin. Fullerton lives at RD1, Enon Valley, Pennsylvania.

TRY A CLASSIFIED AD

PUBLIC AUCTION

OF FARM EQUIPMENT - STRAW

MONDAY, MARCH 4, 1974

AT 12:00 NOON

Location Between Route 501 and Route 322 along Brubaker Valley Road Approximately 5 Miles west of Ephrata Take Route 322 west from Ephrata through Clay then left onto Brubaker Valley Road 2 miles to farm Elizabeth Township Lancaster County Pa

MASSEY FERGUSON 165 DIESEL
WITH MULTI POWER AND POWER STEERING

ALLIS CHALMERS D-15
WITH POWER STEERING AND 3 POINT HITCH
CASE 400 TRACTOR with Eagle Hitch,
MASSEY HARRIS NO 22 TRACTOR

N.H. No. 1469 Self-propelled Haybine
Used For Approximately 50 Acres

Massey Harris Super 92 Self propelled Combine, Massey Harris Self-propelled 2-Row Corn Picker, New Holland No 616 Harvester, New Holland No 270 Hayliner Baler; International No 46 Baler, New Holland No 350 Grinder Mixer, Massey Ferguson Dyna balance, pitmentless 3 point Mower, McCormick No 2 Hay Conditioner, New Idea Wheel Rake, 2 New Idea Flatbed Wagons, New Holland Flatbed Wagon, Little Giant 30 Ft Elevator, Case 3-Bottom 14-Inch 3-Point Trip Plow, John Deere KBA Disc, Rotary Hoe, Spring Harrow, Fast Hitch 12-Ft Spring Harrow, 9-Foot Cultipacker

Massey Ferguson 2-Row Cornplanter, Massey Harris 4-Row Cornplanter, John Deere Van Brunt Grain Drill with 15 Discs; Oliver Grain Drill with 15 Discs, McCormick Grain Drill with 13 Discs, 3-Point 2-Row Cultivator, Massey Ferguson Chuck Wagon, Sauder Loader with Hydraulic Dump Bucket, Brady Rear Unload Tank Spreader; John Deere 15A Flail Chopper, New Holland No 23 PTO Hopper Blower with Pipe, Grain-o-vator Self unloading Cart, Massey Ferguson 3-Point Blade, Little Giant Gravity Bin on Running Gear, 20-Foot Tobacco Ladders, Cyclone PTO Seeder, Tractor Weights

Approximately 20 Ton Wheat Straw
1968 Dodge 100 Pickup Truck
24 000 ACTUAL MILES

42-INCH BARN FAN, 2 Metal Feed Carts, SP-22 Surge Vacuum Pump, Two 40-Pound Surge Milker Units, Hydraulic Cylinder, Cattle Fogger, Clippers, Milk Cans, Milk Scales, 4 Gutter Grates; Log Chain, Iron Fence Posts, Fence Wire, Forks, Shovels, Brooms and numerous other items

Sale Time 12 00 Noon Sale Order Small Items, Farm Equipment, then Straw Sale by

KENNETH L. SIEGRIST
LITITZ R.D.1, PA. — 717-626-4323
JOHN E. and PAUL E. MARTIN, Auctioneers
717-733-3511 — 733-3305

Lunch Available
NOTE There are very few small items We will be selling equipment soon after the sale starts

PUBLIC SALE

OF 75 - HEAD - 75
HOLSTEIN COWS
and Farm Machinery

Friday, Mar. 15, 1974
at 9:30 A.M. D.S.T.

On the premises located on McIlvaine Road, across from Belmont Stone Quarry.

22 Years ABC Artificial Breeding
34 Grade Holstein Cows in all stages of lactation
30 Grade Holstein Heifers bred for summer and fall freshing
(Balance started calves to 9 mo -old)
Registered 6-mo.-old Red and White Holstein Bull.
Grade Holstein Herd Bull - sire, Milk & Honey Ivanhoe, dam Apollo Ivanhoe Health charts will be furnished
6 Pair of Mules, 3 to 8 years old
5 year old Standardbred Carriage Horse, family broke
2 Cheviot Sheep
Approximately 120 Ton Ear Corn.

Matthews rotary sythe with 60-h p AC engine 45 h p AC engine completely overhauled, Dutz 28 h p diesel motor, McCormick equipment - 8-ft binder No 14 hay rack, corn planter with fertilizer attach , P-4 corn picker with Wisconsin engine No 37 baler, 2 corn binders with loaders 7 ft grass mower 2 cultivators 16 radex plow 16 plow chief

International 13 disc grain drill 16 Papec ensilage cutter and 50 ft outside pipe 30 ft Farmec hay elevator with corn chutes, Myers hay crusher 206 N I manure spreader AC no till corn planter, 150 bu McCurdy grain bin 3 foretrucks 1 with Hill side hitch, J D 7-ft mower 4 section Oliver spring harrow 2 8 ft cultipackers 2 18 ft hay wagons Grimm hay tedder, 10-ft N I fertilizer spreader, N I 1-row tobacco planter McCormick 24 disc new cutter web for 16 Papec hyd system, tobacco ladders 1-row crop duster potato digger 1-row potato planter 12' weeder 106 Wizard plow 2 to 6-h p engines 2-wheel farm trailer Fairbanks platform scale, arc welder actylene torch 200 locust posts 32 ft extension ladder, AC generator 250 gallon fuel tank

Harness - 12 sets of front gear - collars bridles and check lines single trees double trees, 3 electric fencers John Wood water heater twin stainless tubs buckets, SP22 Surge vacuum pump, strainers 3 unit Surge milker with electric pulsators 2-hole corn sheller 55 gallon drums dairy vac feed and ensilage carts 100 ft hay rope owner sampler milk testing kit jacks shovels forks chains cow trainers poultry equipment scrap iron and many other items not mentioned

AUCTIONEER'S NOTE We have 6 exceptionally good pair of Big Strong Mules Dairy Cattle carry good size and type

Order of Sale: Small Items, Farm Equipment, Livestock.

SALE BY
Jonas B. Fisher

WILBUR H. HOSLER, Auctioneer
PAUL B. SNYDER, Auctioneer
Galebach and Hosler, Clerks
There will be plenty of Home-made Food

PUBLIC AUCTION

OF FARM EQUIPMENT
THURSDAY, MARCH 14, 1974

AT 10:30 A.M.

Location: Along Linden Street in Richland, Pa. 2 miles south of Myerstown along Route 501, turn east at Corner House Restaurant 2 miles to Richland.

To be given away FREE at close of sale, a Handy Power Washer. All adults who register for a sale number by 10:30 a.m. are eligible to register to win Handy Power Washer. Winner must be present to win.

FOURTEEN TRACTORS
MASSEY FERGUSON 1150 DIESEL with CAB
MASSEY FERGUSON 65 GAS
utility tractor, with No. 99 Industrial Loader
MASSEY FERGUSON 65 DIESEL
MASSEY FERGUSON 65 DIESEL
with Multi-power, High Arch

Massey Ferguson 50 Gas; International B414 Gas with Schwartz loader; M M 335 with Schwartz loader; M M model R tractor; International 350 Gas; Oliver H. G. Crawler with Cultivator; Oliver OC3 Crawler with bucket; Oliver 70; Gehl 2500 hydracat skid loader with fork; John Deere A.

HARVESTERS, FORAGE WAGONS and BLOWERS

Gehl CB600 Harvester, 1000 r.p.m. shaft with 2 row corn head and hay pickup; Gehl CB600 harvestor 540 r.p.m. shaft with 2 row corn head; New Holland No. 616 with 1 row corn head; Fox Harvester 540 r.p.m. shaft with 2 row corn head and attachment for high moisture corn; Gehl FH81 with 1 row corn head; Grove forage wagon with hydraulic drive 6 ft. sides and roof; 2 Gehl forage wagons with 6 ft. sides and roof; Gehl forage wagon with 6 ft. sides and roof with front and rear unload; Kasten forage wagon; roof for Model 610 Gehl forage wagon;

GEHL MODEL 115MX MIXER GRINDER

Dion p.t.o. blower with 54 inch drum; International p.t.o. blower with 54 inch drum; Fox trough blower; Allis Chalmers blower;

HAY EQUIPMENT

International p.t.o. Model 46 baler with thrower; Massey Ferguson p.t.o. No. 10 baler with thrower· International Haybine; Massey Ferguson dyna-balance mower; International 7 ft. mower; Cunningham crimper; Ford 3 point side rake; 2 Grove flatbed wagons; Coby wagon; 2 horsedrawn wagons; Smoker 24 foot elevator;

PLOWS, DISC HARROWS, SPRING HARROWS

John Deere semi-mount 5 bottom 16 inch hydraulic automatic reset plow; Massey Ferguson model 88 - 4 bottom 14 inch semi-mounted trip plow; Massey Ferguson model 86 - 4 bottom 14 inch semi-mounted trip plow; 2 Massey Ferguson model 74 - 4 bottom 14 inch mounted plows; Massey Ferguson model 82 - 4 bottom 14 inch semi-mounted plow; Oliver 2 bottom 16 inch Raydex trailer plow; Oliver 3 bottom 16 inch 3 point spring trip plow; JOHN DEERE offset disc harrow on transport; John Deere KBA 32 disc - disc Harrow; International 32 disc - disc Harrow; International 9 foot disc Harrow; JOHN DEERE 12 foot spring harrow; 2 JOHN DEERE 12 foot power set spring harrows; 12 foot spring harrow; 3 point 3 section spike harrow;

CULTIMULCHERS - CULTIPACKERS

John Deere 12 foot cultimulcher; John Deere 10 foot cultimulcher; land roller; Brillion 10 foot cultipacker seeder; John Deere 12 foot cultipacker;

SPREADERS and LOADERS

International 175 bushel spreader with p.t.o. drive; International 125 bushel p.t.o. spreader; Massey Ferguson 110 bushel p.t.o. spreader; New Holland 145 bushel tank spreader; Hawk bilt 145 bushel tank spreader left unload; Hawk bilt 185 bushel tank spreader; Massey Ferguson 205 spreader with liquid end gate, JOHN DEERE model 45 loader, Schwartz loader for M.F. 135 tractor; Oliver loader with hydraulic dump;

BRADY No. 206 CROP COOKER

with Snowco grain cleaner; John Deere 12 foot fertilizer spreader; EZEE-FLOW 10 foot fertilizer spreader; John Deere model GL grass seeder drill; new 15 KW Onan p.t.o. generator on trailer, 3 point tool bar; 3 point weeder; hydro nitrogen ammonia metering pump; Myers 6 ft. snow plow for loader; Sauder snow plow;

LAWN and GARDEN EQUIPMENT

Sears 15 h.p. tractor with hydraulic self-leveling loader, dual wheels and wheel weights; 26 inch Yard-man riding mower; Sears riding mower; Falls riding mower; Hahn Eclipse 7 h.p. riding mower; Massey Ferguson No. 5 riding mower; Hahn Eclipse 5 h.p. riding mower; Ford model 70 tractor with mower; International riding tractor with mower and snow blade; 500 gallon indoor and outdoor paint, pints, quarts, gallons all different colors; new forks and shovels and numerous other items.

Sale time - 10:30 A.M.

SALE BY
LEBANON VALLEY IMPLEMENT CO. INC.
Phone 717-866-2544
John E. and Paul E. Martin - Auctioneers
717-733-3511 — 733-3305
Zimmerman, Clerk
Lunch Available

Control of Farming Continues to Shift

Farmers will probably continue to see control of their enterprises shift toward vertical coordination arrangements, cooperative enterprises, family and investor corporations, and arrangements involving farm credit, according to a recently released U.S. Department of Agriculture report.

The trend toward off-farm control is being encouraged by the quickening pace of change in agricultural technology and in processing and marketing goods, according to the report by the Department's Economic Research Service.

Vertical coordination via production contracts will probably account for some of this continued shift of control to off-farm firms, the report said. Farm leasing may also continue to increase. Such leasing may include lease-like arrangements for the use of farm buildings and machinery, custom hiring for selected farm operations, and custom feeding and caring for farm animals.

National and regional farmer cooperatives may greatly expand their buying and selling activities, with some expansion of various forms of cooperative or collective bargaining likely. However, the shift of control from farmers to local cooperatives may continue to be minimal.

Family and investor corporations are both expected to grow in importance in agriculture. When a family corporation is formed out of sole proprietorship, the shift in control is typically very slight. In contrast, formation of an investor corporation usually involves a complete shift of control from farmer to corporation.

Farm credit encumbrances are expected to expand significantly over the next decade. Current trends in adapting farm credit to the needs of farmers, particularly those with little experience or equity, indicate some shift of control to creditors. The shift usually involves some participation by the creditor in organizational decisions, but less in operational decisions.

Copies of "Entrepreneurial Control in Farming," ERS-542, are available on request by telephone (202) 447-7255 or postcard (include zipcode) from the Division of Information, Economic Research Service, U. S. Department of Agriculture, Washington, D. C. 20250.

Pa. has 17 Entries in Barrow Contest

Exhibitors from 33 states and Canada submitted entries in the Production Tested Barrow Contest of the National Barrow Show. The Production Tested Barrow Contest — now in its second year — is the only individual barrow class at the "World Series of Swine Shows" which will be held this year on September 9 - 10 - 11 at the Mower County Fairgrounds in Austin, Minn.

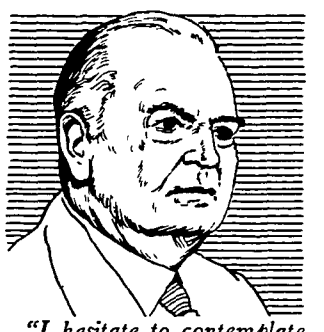
Entries in the contest totaled 1,178, far in excess of the 843 entries that were submitted for the first time one year ago.

Entries were received from the following states: Iowa, Illinois, Minnesota, Missouri, Indiana, Ohio, Wisconsin, Oklahoma, Nebraska, Texas, South Dakota, Kansas, Michigan, Pennsylvania, Georgia, North Dakota, Alabama, Idaho, Mississippi, Colorado, Tennessee, Maryland, Arkansas, New York, Oregon, North Carolina, South Carolina, Louisiana, New Mexico, Utah, Florida and Kentucky. Entries were also received from Canada. Eight more states will be represented at the 1974 event than were entered in the Production Tested Barrow Contest one year ago.

Tony L. Folker, Pork Chop Farm, New Holland, Pa., is included in the list of exhibitors who entered hogs in the 1974 Production Tested Barrow Contest. His barrow will be consigned to the St. Ansgar (Iowa) Test Station, located some 15 miles south of Austin. He is responsible for transporting his barrow to the Test Station on Thursday and Friday, May 9-10.

Barrows which complete the test and which qualify for the live show at the National Barrow Show will be divided into weight classes within their breed. Following the live show, the barrows will be slaughtered and appraised in a production-related Carcass Contest.

Entries from the state of Pennsylvania totaled 17.



"I hesitate to contemplate the future of our institutions, of our government, and of our country if the preoccupation of its officials is to be no longer the promotion of justice and equal opportunity but is to be devoted to barter in the markets."

—Herbert Hoover

Public Sales Register

SAT. MARCH 2 - 11 A.M. Public Sale of Farm Equipment located along Green Acre Road, Lititz, Pa. Take Route 772 West out of Lititz, Pa. Sale by Chester K. Sensenich; Wilbur H. Hosler and Jay M. Witman, Auctioneers.

SAT. MARCH 2 - 9 A.M. Bart Twp. Fire Co. 10th Annual All Day Sale located 6 miles southeast of Strasburg along Route 896 in the village of Georgetown, Lancaster County, Pa. Horses, Mules, Straw, Hay, Corn, and Farm Equipment. Terms by Bart Twp. Fire Co.

SAT. MARCH 2 - 12 P.M. Cleo Teel Milking Herd Dispersal, Dimock, Pa., Dimock Twp., Susq. Co. located 2 miles East of Pa. Rt. 29 at Dimock on the macadam road leading to Hop Bottom and Nicholson, 8 miles south of Montrose. Also approx. halfway between Union Church and Dimock. Watch for Bunnell Red Auction Arrows. Sale by Cleo Teel, owner, RD., Montrose, Pa. Merton L. Bunnell, Auctioneer & Sale Mgr.

SAT. MAR. 2 - 11:00 A.M. Public Sale Absolute Auction at the farm in Earlville, Cecil Co., Md. From Elkton, Md. take Rt. 213 south to Cecilton, Md.; take Rt. 282 3 miles west of farm. From Rt. 301, take Rt. 313 to 213 north to Cecilton; Rt. 282 west 3 mi. to farm. Sale by Mr. & Mrs. Harry Davis, Earlville, Md. Owners; and James P.

(Continued on Page 54)

PUBLIC AUCTION

RIVERWOOD FARM

VALUABLE PENNA. FARM

with old (1804) Stone Residence, more than 3200' adjacent to Susquehanna River in Southern Lancaster County

Next to Mason & Dixon Line

180 Acres (more or less), 130 Acres Cropland - Highly Productive Soil. Beautiful woodland with some timber.

3 Streams - 2 to 3 Acres pondsite - many Springs, marvelous views of the river and surrounding countryside. Over 1,000 ft. frontage on Cook Landing Road - More available.

March 22 - Friday

10:00 A.M.

Personal Property including farm items and antiques to be sold inside new clear span pole barn (50 x 120').

Real Estate to be sold at 1 P.M. Sharp. Terms 10 percent down - balance cash 30 days or less. ½ farm is terraced with 1500' grass waterway Chester silt loam & related soils - some fencing. 2 barns, implement shed and other outbuildings. New pole barn (50' x 120'). Truss construction. Older barn needs repair, slate roof, deep well, 149' soft water. Residence stone, 9 rooms, 3 full baths, 5 fireplaces, slate roof, much original hardware in house.

Farm Equipment - Manure spreader, 2 wheel cart, 15 KW generator & fuse panel (tractor powered) and much more.

Inspection - By appointment - Phone 717-548-2156 or March 9 and 16 9 A.M to 4 P.M.

No Residence Inspection on Sale Day.

Location - At Pleasant Grove - 4½ miles Southwest of Wakefield, Lancaster Co., Penna. 6 miles North of Conowingo, Maryland. On Cook Landing Road. 1 mile Southwest of Pleasant Grove. Follow signs

Write or phone for additional details.

TERMS BY

PAUL E. CASE

Peach Bottom, Pa. 17563

Phone 717-548-2156

Auctioneers

J. Everett Kreider

Quarryville RD1, Pa. 17566

Carl Diller

2112 South View Rd.

Lancaster, Pa 17602

Lunch by Robert Fulton Fire Co. Aux

PUBLIC AUCTION

MON., MARCH 4,

at 11:00 a.m.

INT M and Super M tractors plows disc loader, spreader 55T baler, JD 290 planter drill mower, flat wagons, flail chopper, etc Milk tank cans, milkers 4 Hol cows 2 heifers, 9 black cross yearling heifers 4 steers, and some household

Uhler Haggerty, owner at Oldfield Point Road, Elkton, Md.

H. Rudnick & Sons, Auctioneers

PUBLIC AUCTION

SATURDAY, MARCH 9, 1974

at 12:00 Noon

On premises located midway between LECK KILL and ROUGH & READY; R.D.#1, Klingerstown, Pa.; Upper Mahanoy Township, Lower Northumberland County. 25 miles Southeast of Sunbury; 8 miles East off Route 225 at Red Cross [watch for sale arrows in Village of Leck Kill]. 10 miles Northwest of Hegins; turn west off Route 125 at Keim's Cafe [watch for sale arrows in Village of Rough & Ready].

128 ACRE FARM

approximately 100 Acres Tillable, balance Pasture, some Wooded; Deep Well, Small Stream, Paved Township Road.

SIX-ROOM 2½-STORY FRAME DWELLING

with Bath and Electric Heat

Bank Barn; 24-ft. x 50-ft. Block 2-Bay Garage and Shop; Wagon Shed with Corn Crib and Granary; and other Outbuildings.

This farm is centrally located in a picturesque rural area Ideal for cattle Land in high state of cultivation with unlimited potential

For Inspection Call — 717 425-2431 after 4 00 P M

TERMS — 10% down balance in 60 days further terms and conditions to be announced the day of sale Real Estate will be offered at 1 00 P M

FARM EQUIPMENT

ALLIS CHALMERS W D45 TRACTOR and ALLIS CHALMERS W D TRACTOR both with 3 Pt Hitch and Live PTO Tractor Blade and Scoop Allis Chalmers No 303 PTO Baler A C 2 Row Corn Planter A C Semi mounted 3 Bottom 14 Plow, A C Cultivator Massey Ferguson Manure Spreader on Rubber 30 ft New Holland Bale and Grain Elevator with 1 h p Motor Lilliston 7 ft 6 PTO Rotary Cutter New Idea 7 ft Semi mounted Mower N I Side Delivery Rake 8 ft Disk 14 ft Wagon 4 Section Harrow Two Row Oliver Corn Picker I H No 5 Flail Chopper Chicken Equipment Wheelbarrow on Rubber Electric Fencers Log Chains some 5/8 Tomato Baskets approximately

100 Bu OATS — 15 Ton HAY — 12 Ton STRAW

FULL LINE BUTCHER EQUIPMENT including U S Berkel 12 Electric Meat Saw Electric Wellsaw model 400 Splitting Saw Meat Grinder with 3 h p Motor Kettle Stove with Gas Burner Gas Heater Chain Hoist 1 ton Capacity Sausage Stuffers Platform Scale Beam Scale Scalding Troughs Butcher Box Spreaders Hooks Knives Forks Ladles Crocks Wooden Tables and Benches and other items not listed

MARK T. PAUL and LENA PAUL, Owners

Isaac J Tressler Attorney

GEORGE N DEIBERT, Auctioneer — Phone 717-425 2258

PUBLIC SALE

OF

FARM EQUIPMENT

Location: 6 miles South of Coatesville, Pa. 3 miles East of Cochranville off Rt. #10, near Gum Tree, along North Gum Tree Road, Chester Co., Pa.

THURSDAY, MAR. 14, 1974

10:30 a.m.

(5) John Deere Tractors: 4010 Diesel; 4020 Diesel; 730 Gas; "40"; "A" with loader; ±46A-J.D. Loader with V-Plow; N.H. "97S" Combine; (4)-38" row corn head; 13' grain head (no custom work); N.H. 818 field chopper 2-row corn head direct cut; grass pickup; N.H. Haybine; N.H. "271" Baler; N.H. "36" Flail Chopper; (4) N.H. grain drying wagons; Hydraulic Hoists; (3) "115" J.D. Chuck wagons; (2) N.H. Spreaders.

J.D. 15 Disc Drill; J.D. 4-bottom 16' trip plow; J.D. 4-row Cornplanter; 4-row J.D. Cultivator; (2) J.D 12 ft. disc harrows; J D 12 ft roller harrow, 12 ft. Cultipacker, 12 ft. J.D. Spring Harrow, J D 3 point Scraper, (5) Flat Bottom Wagons, 3 are J.D. Hoist Wagons; Dion Silo Blower; 50 Ft. of Pipe; N.H. Blower, Papec 19" Ensilage Cutter, McKessick transport Mixer with 12 ft elevator; Papec ½ ton Mixer, J D No. 8 mower, 2-wheel Calf Cart, Disc Harrow; Cultipacker; Field Sprayer 20 ft. Boom; 28' Little Giant Elevator; 25' barn Elevator; 8' Corn Elevator; Corn Drag; (5) J D Powertool Double Action Cylinders, 2 - (8)" 75 ft. endless belts; (2) 90' Hay Ropes, Creosote Fence Posts.

1964—½ Ton 6 Cyl. Chevrolet Pick-Up
Approx. 40 Tons Hay; 10 Tons Straw

Lots of Miscellaneous items including Anvil; Grease Guns; Chains; Etc

"No Sale Here In 50 Years"

SALE BY,

PAUL L. COATES

R#3, Coatesville, Pa.

Ph 215 857-9421

Aucts.: Carl Diller 464-2233
J. Everett Kreider 284-4517

Lunch

Public Sales Register

(Continued from Page 53)

Bolton, Earlville, Md.; Aberdeen Sales Co., Inc., Sale Managers.

SAT. MARCH 2 - Farm Machinery Auction Sale by York Co. Farm & Ind. Equip. Co., Inc. Located Exit 10 or 1' off Interstate 83 Emigsville, Pa. or 4 miles North of York, Pa. on Route 181.

SAT. MARCH 2 - 10:30 A.M. Large Public Sale of Farm Machinery, Orchard Equipment and Tools located approx. 6 miles Southeast of Stewartstown, York, Co., Pa. From exit 1 on Rt. 83 go east on 851 to Stew. then South on Rt. 24 and follow arrows to sale. Near Wileys Station along Hopewell Road on the John Kulpon farm. Sale by Blevins Fruit Farms, Inc., Sechrist Sales Co., Ind.; Robert L. Sechrist, Auctioneer.

SAT. MARCH 2 - 10 A.M. Public Sale of Farm Equipment and Household located on North Kinzer Ave., 1st lane right at the East End of New Holland. Terms by Campbell Farms Dairy; J. Everett Kreider and Carl Diller, Auctioneers.

SAT. MARCH 2 - Public Sale of Farm Equipment, Household Goods and Livestock located between Churchtown and Morgantown approx. 1 mile North of Rte. 23. Go north off Rte. 23 at Twin Valley Bible Chapel then first road right. Sale by Daniel S. Stoltzfus, Jr.; Elton Forning, Auctioneer.

SAT. MAR. 2 - Public Sale or Farm Equipment and Farm Crops located between Lititz and Manheim along Doe Run Road, 1 mile west of Erb's Mennonite Church. Sale by Ivan B. Zimmerman; John E. and Paul E. Martin, Auctioneers.

MON. MARCH 4 - 11 A.M. Public Auction of Farm Equipment, and Cattle and some Household at Point Road, Elkton, Md. by Uhler Haggerty, owner at Oldfield. H. Rudnick & Sons, Auctioneers.

MON MAR. 4 - Public Sale of Farm Equipment located on Brubaker Valley Road, between Rtes. 322 and 501. Sale by Kenneth L. Siechrist; John E. and Paul E. Martin, Auctioneers.

MON. MARCH 4 - Public Sale of Complete Registered Holstein Dairy Herd located 2 miles North of Lebanon just off Rt. 343 on Heffelfinger Road. Terms by Bare Bros.; R. Austin Backus, Mexico, N. Y., Auctioneers.

TUES. MARCH 5 - 10 A.M. DST. Public Sale of Farm Implements, Livestock, and Household goods located ½ mile South of Rt. 23 in Bareville on Farmland Road. Terms by Elam Miller; Robert E. Martin and Frank E. Steller, Auctioneers.

TUES. MAR. 5 - 10 A.M. Public Sale of Dairy Cows, Mules - Horses, Farm Machinery and Household Goods on the premises located ½ mile south of Route 23 in Bareville, on Farmland Road, Lancaster County, Pa. Terms by Elam Miller; Robert E. Martin and Frank L. Steller, Auctioneers.

(Continued On Page 55)

PUBLIC SALE

DAIRY COWS, MILKING EQUIPMENT, GRAIN & HAY

FRIDAY, MARCH 8, 1974

12:00 NOON

Located 1 mile West of Route 222 at Penn Hill, along Furniss Road, Fulton Twp., Lanc. Co., Pa.

63 Head Holstein Dairy Cattle

49 Holstein Cows -- 22 of these cows are first and second calf heifers.

13 Young Heifer Calves up to 1 yr. old.

1 Bull Calf.

This is a good young herd of dairy cows. Several just fresh and others close springers. Balance in all stages of lactation. 30 day health chart.

Milking equipment consists of 4 Surge milking units (3 electric pulsators & 1 vacuum), Sputnik milk transporter with compressor, stainless steel strainers, pails, and drain table, 2 mineral feeders, 5 cow mats.

50 Ton Corn
30 Ton Mixed Hay
10 Ton Straw
30 ft. corn silage in 20 ft. silo

Full line of farm machinery will be sold Friday, March 22. Adv. to follow.

Sale by

Samuel H. Drumm

Lunch available

KERSEY A. BRADLEY, Auct.
Kirk & Bradley, Clerks

PUBLIC SALE

OF FARM MACHINERY AND HOLSTEIN HEIFERS

1 Mile South of Quarryville along Route 222

FRIDAY, MARCH 15, 11 A.M.

13 Reg. and 2 Grade Holstein Heifers

All bred for summer and fall.

Ivanhoe granddaughter from 138,000 lifetime dam Milk & Honey, Lila Hope, Bonus, Steling Dale Pioneer Admiral, and others. Bred artificially and to home bull. These heifers are all from John's good dairy. Well grown. Charts sale day.

FARM MACHINERY

John Deere 4020 diesel power shift 2300 hrs.

John Deere 1020 Tractor w-no 37 loader and wide bucket, Farmall 656 w 2600 hrs., Farmall 230 and 2 row cultivator, IHC 4 bottom semi-mount trip bottom plow, JD Kiliheffer disc, JD 12 ft cultimulcher, IHC 10 ft. spring harrow, 28 disc & cultipacker, IHC 816 mower conditioner, JD 5 bottom 16 in semi mounted plow trip, plow rake, New Holland 273 baler, New Holland 36 ft. elevator, 3 John Deere flat bed wagons.

300 ton corn silage (app)

John Deere 38 Harvester w-30 in 2 row forage head and pickup. 30 in 2 row snapper head, 2 JD 214 forage wagons w-3 beaters, JD 1240 plateless 4 row corn-planter & soybean with insecticide, JD 4 row tool bar cultivator, JD 15 disc grain drill IHC 65 blower, New Holland No. 36 Flail chopper, 16 ft. aluminum elevator, Myers sprayer w-200 gal. fiberglass tank, green chop wagon, metal pasture feeders, mineral feeder, 185 bu. tank manure spreader.

1963 FORD F250 with CATTLE RACKS.

1955 CHEVY DUMP TRUCK 26,000 GROSS.

Post Hole digger, Farmhand rake, 550 gal. water tank on chassis, mounted PTO seeder, 2 sets tractor chains 28 & 38, baler twine, 1200 tomato baskets, 3 fences, air compressor, 375 ft. of ¼ in. stainless steel cable, tractor weights, and other articles too numerous to mention.

TERMS BY

JOHN C. GROFF

KREIDER & DILLER, Auct.
Lunch by New Providence Mennonite Church

PUBLIC AUCTION

DAIRY CATTLE and FARM EQUIPMENT

FRIDAY, MARCH 8, 1974

at 11:30 a.m.

Located 5 miles south of Strasburg, one mile north of Georgetown along Rt. 896.

DAIRY CATTLE

17 Holstein cows and Four heifers

Cows consist of two that were fresh in January, two due in February and March, five due in April and the remainder due June, July, and August. Heifers are breeding age.

MACHINERY

Three Allis Chalmers Tractors: D-17 with 517 heavy duty manure loader, two hydraulic buckets, and heathouser; WD-45 with cultivators; and a WC. Two A.C. plows: 2-bottom 16" roll over and 3-bottom 16". A C. 7' side-mounted mower; A C. rear scraper blade; A.C. 2-row corn planter; A.C. 3-point pallet carrier; A.C. 211 10' transport disc.

1469 SELF-PROPELLED NEW HOLLAND HAYBINE

Fox harvester with three heads; Fox table blower. PTO with pipe; N H. #269 wire-tie baler; N.H. rake; New Idea 7' tractor mower; N.H. manure spreader #325. Five wagons include two Coby with steel bed and web, one 8' x 18' N.H. flat bed, one 7' x 16' David Bradly flat bed and one 7' x 16' flat bed. Vicon 3 point seed and fertilizer spreader; J.D fertilizer spreader; 2-section Chattanooga spring harrow; Hardy orchard sprayer; Oliver grain drill, Brillion cultipacker, seeder; New Idea transplanter; 32' New Idea elevator with swivel shoot, David Bradly grain auger, 2-section spike harrow, stalk chopper; steel roller

16' PATZ SILO UNLOADER
Used four months

Smaller items include three lawn mowers, shovel harrow, tobacco lathe, Minnich bale box, tobacco ladders, litter carrier and track, even-flow silage distributor, two galvanized water troughs, two cyclone seeders, Jamesway hydraulic barn cleaner, electric fencers (two weed burners), cow clippers

Approx. 50 ton hay and corn by the ton.

Dairy Equipment. Three Surge milker units, Buckets and strainers, feed cart, two silage carts; forks, shovels, brooms and etc.

Auctioneer Note: There are only a few small items so come early. Machinery will be sold first.

Terms by
A. ROBERT STOTTLEMYER
717 786-3209

Auctioneers
Ivan R. Yost (appre.)
Leroy Zook
215 593-5326

Lunch by Mt. Eden Lutheran Church

PUBLIC AUCTION

COMMUNITY CONSIGNMENT AUCTION

FARM EQUIPMENT

SATURDAY, MAR. 9, 1974

AT 10:00 A.M.

Location: Between Ephrata and Lancaster along Route 222 at Brownstown take Route 772 West to Rothsville, turn right at White Swan Hotel onto Newport Road, then first road right. Warwick Township, Lancaster County, Penna.

To be given away FREE at close of sale, an M50-S Reddy Heater. All adults who register for a sale number by 10:00 A.M. are eligible to register to win Reddy Heater. Winner must be present to win.

CASE 990 COMFORT KING DIESEL
CASE 830 COMFORT KING DIESEL
OLIVER 1355 DIESEL FULLY EQUIPPED 500 HRS.

Oliver 770 gas with power steering and Oliver loader; Case 480 with Industrial Loader; Allis Chalmers W D with New Idea loader; Ford 8N with step up and step down; Allis Chalmers G with hydraulic lift and cultivator, plow and corn planter; Case model SC; Case model VAC; more tractors will be here by sale day.

M M Baler; Case Baler; New Case Bale Thrower; Case 2 row mounted corn picker;

John Deere 2 bottom 16 inch 3 point plow; Oliver 3 bottom 16 inch plow; Case 2 bottom 14 inch 3 point plow; Case 3 bottom 14 inch 3 point plow; Allis Chalmers 1 bottom 14 inch plow; Oliver Disc Harrow; Offset disc on transport; International 24 disc, disc harrow on transport; 2 Massey Ferguson 24 disc 3 point disc harrows; New Pittsburg 6 foot 3 point disc harrow; New Pittsburg 3 section spring harrow; Case Orchard Spring Harrow;

John Deere 494 - 4 row corn planter; Oliver superior grain drill; Stauffer 2 row transplanter; 2 row mounted cultivator for Case 430 and 530; 2 Ford 2 row cultivators; mounted cultivator for Case VAC tractor; New Idea No. 751 hay conditioner; New Holland 404 hay crusher; Case No. 555 - 9 foot pull type windrower; Oliver No. 415 trailer type mower; New Holland No. 450 3 point mower; Ferguson 3 point rake; New Idea no. 4 side rake; Case side rake;

New Coby 6 ton wagon with bale racks; Coby 5 ton wagon with new bed; 2 new Coby 7-8 ton running gear; Dion Chuck wagon; John Deere wagon with bale racks; Oliver wagon with bale racks; Conestoga type running gear; New Little Giant 34 foot bale elevator; King Wise 28 foot bale elevator; International grain dryer; potato roto beater;

Sauder loader with scoop; Case loaders; John Deere snowplow with bucket attachment; Hawk bilt tank spreader; Freeman web type spreader; New Idea flail spreader; New Holland 185 bushel spreader with end gate; New Idea 12A spreader; New Holland 510 single beater spreader; Badger No. 1400 vacuum spreader; Clay No. 1500 new style vacuum spreader; Clay No. 1500 vacuum spreader; Badger No. 1400 liquid tank spreader; International 1400 gallon tank spreader; 5 foot 3 point rotary cutter; New 6 and 7 foot blades; 3 point landscapers; New 3 point landscaping rake; stationary cement mixer; rear mounted cement mixer for Case tractors; 550 gallon tank on running gear;

3000 tobacco lath; old milk cans; Deepwell jet spray pump, rebuilt; 225 amp welder; Fairfield heated livestock water bowl; cast iron bottom hog feeders; 12 foot truck bed with racks; aluminum gates;

1967 CHEVROLET TRUCK WITH 12 FOOT BODY 8:25 TIRES
DIAMOND T WITH 9 FOOT DUMP BODY

Hahn Eclipse 8 h.p. hydrostatic drive tractor with 36 inch mower; Wizzard 5 h.p. riding mower; new Case 5 and 8 h.p. riding mowers;

Wheel Horse 8 h.p. hydrostatic drive with mower; Case 10 h.p. with snow blower; 2 John Deere 110 riding tractors with mowers; other garden tillers and cultivators; new 20 and 22 inch Case lawn mowers; new hydraulic cylinders; new tools; new fence posts; new wheelbarrow; new forks, shovels, and brooms; new jacks and numerous other items, lots of other farm equipment by sale date.

1962 Dodge Sedan

Sale Time 10:00 A.M.

Sale by

BINKLEY and HURST BROS.

Lititz RD4, Pa. 717-626-4705

John E. and Paul E. Martin - Auctioneers
717-733-3511 — 733-3305

Lunch Available

Public Sales Register

(Continued From Page 54)

TUES. MARCH 5 - 11 A.M. Public Sale of Farm Equipment and Household Goods Location - Take Route 72 to Elstonville; at Elstonville take Newport Rd., first farm right. Sale by Carl D. Martin; Raymond Miller and Rufus Geib, Auctioneers.

WED. MARCH 6 - Day Horse Sale at Paul Z. Martin's located 2 miles East of Intercourse, Pa. along Route 340. Horses Hitched at 10 A.M. Tack at 11 A.M. Horses at 12 noon.

WED. MARCH 6 - 9:30 A.M. Consignment Sale by David H. Good located ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Frank Snyder, Robert Marting and Clyde Wolgemuth, Auctioneers.

THURS. MARCH 7 - 12:30 Noon Public Auction of 100 Head of Holsteins located 5 miles North of Route 222 along 897, 2 miles North of Reinholds. Sale by Vernon and Ray Kline, owners; Randal Kline, Auctioneer.

THURS. MARCH 7 - 12:30 Noon Myerlea Farms Production Sale at the Ass'n. Sales Pavilion, Lancaster, Pa. Sale Managed by Penna. Guernsey Breeders' Ass'n. P. O. Box 458, Camp Hill, Pa. 17011 and the Merryman Co., Sparks, Md. 21152

THURS. MAR. 7 - 1 P.M. Public Sale of Modern Farm Equipment located 1½ miles North of Somerset along Route 281, in back of Laurel Highland Animal Hospital. Sale by Dr. James Knepper, owner, RD5, Somerset, Pa. Merle Mishler, Auct.

THURS. MARCH 7 - 11 A.M. Oley Valley Farms Complete Dispersal, Oley, Pa. Sale at the farm located 2 miles east of Oley, just off Rte. 173 on Haas Rd., 12 miles northeast of Reading, 30 miles southwest of Allentown, about 45 miles east of Lancaster, Pa. Watch for Auction Arrows. Sale by Arthur G. Haas, Owner; R. Austin Backus, Inc., Sale Mgrs. and Auctioneers, Mexico, N. Y. and Penna. Hol. Assn., 839 Benner Pike, State College, Pa.

FRI. MAR. 8 - Public Sale of Farm Equipment, Hardware and Shop Tools located 3 miles north of Churchtown, Pa. Terms by Ivan N. Hoover, Narvon, Pa. Ralph W. Horst, Auctioneer.

FRI. MARCH 8 - Public Sale of Farm Equipment, Dairy Cattle and Dairy Equipment located 1 mile North of Georgetown, 5 miles South of Strasburg along Route 896. Terms by Robert Stottlemyer, owner: Ivan R. Yost and Leroy Zook, Auctioneers.

FRI. MARCH 8 - 11 A.M. Public Sale of Farm Equipment by K & D Farms, Willow Hill, Pa. located 1 mile north of Willow Hill, Pa. on Mt. Green Road, 3 mile off Pa. Turnpike at Willow Hill Exit. Blaine N. Rentzel, Auctioneer.

FRI. MARCH 8 - 12 Noon Public Sale of Dairy Cows, Milking Equipment, Grain and Hay, located 1 mile West of Route No. 222 at Penn Hill, along Furniss Road, Fulton Twp., Lanc. Co., Pa. Sale by Samuel H. Drumm; Kersey A. Bradley, Auctioneer.

SAT. MARCH 9 - 11 A.M. D.S.T. Public Auction of Valuable Real Estate, Farm Machinery, Oats, Hay, Oats Straw, Chickens, Tools on the premises located 2 miles north east of Fawn Grove, 1½ miles south east of Gatchelville turn on Walnut Grove Road in Fawn Twp. York Co. Pa. Arrow signs posted. Terms by Mr. & Mrs. Ray F. Blevins, owners; Charles W. Shrodes and David W. Shrodes, Auctioneers.

SAT. MARCH 9 - 11 A.M. Public Auction of Dairy Herd, Machinery, Ear Corn and Household Goods. Sale location - Go Rt. 283 west. Take Landisville and Salunga Exit. Turn right. Stay on that road until the greenhouses. Turn left and sale will be held at farm on first lane on the right. Watch for sale arrows. Terms by Mark Martin; R. Kline and N. Martin, Auctioneers.

SAT. MARCH 9 - 10 A.M. Arthur R. Kuhl Estate Holstein and Equipment Dispersal located 1 mile north of Lawrenceville, Penna. and 14 miles south of Corning, New York on Route 15. Watch for Auction Arrows. Ronald D. West, Sale Manager; Robert M. Shaylor and Victor Pirrung, Auctioneers.

SAT. MARCH 9 - 11 A.M. D.S.T. Public Sale of Livestock and Farm Equipment located 2 miles east of White Horse (340), Plank Road left, first lane left, Lancaster County, Pa. Sale by Jacob K. Beiler, owner; Abe Diffenbach and Abe Diffenbach, Jr., Auctioneers.

SAT. MARCH 9 - 11 A.M. Public Sale of Real Estate, Farm Equipment, Tools, Household Goods and Coins located along Fairview Church Road, New Providence RD1, Providence Twp., Lancaster Co. Pa. Take Cinder Rd. approx. 2 miles south of New Providence to Fairview Church Rd., turn west ¼ mile to property. Sale by Mr. & Mrs. Rufus Stonesifer; Howard Shaub, Auctioneer.

SAT. MARCH 9 - 10:30 A.M. Sharp Public Sale of Farm Machinery, Tools, Antiques, Lumber and Ear Corn located approximately ¼ mile north of Hellam-Kreutz Creek Exit of Rt. 30 by-pass, at the end of the concrete road turn left between 2 stone pillars to Twin Brook Farm. Terms by Samuel C. Cornwall, Owner, Hellam Br., York No. 11, Pa. Robert L. Sechrist, Auctioneer.

SAT. MAR. 9 - Sale of Farm Equipment and Community Consignment Sale by Binkley & Hurst Bros., located just north of Rothsville. John E. and Paul E. Martin, Auctioneers.

SAT. MARCH 9 - 12 Noon Public Auction of 128 Acre Farm, Farm Equipment and full line Butcher Equipment

(Continued on Page 56)

QUALITY DAIRY CATTLE FOR SALE

BLACK and WHITE HOLSTEIN FARMS
2220 Dairy Road — Lancaster, Penna

100 HEAD **REGISTERED & GRADE HOLSTEINS** 100 HEAD
On hand at all times

CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development most of them with good production and B F records NOTE Will deliver from 4 head to a carload subject to your approval to your farm at anytime

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month
CHARLES C. MYERS, Owner. Phone 717-569-2106 / 717-569-6800
Park Myers, Sales Mgr — Private Sales Daily

FOR SALE
TENN. MULES

OMAR F. STOLTZFUS
2442 Creek Hill Rd.
Lancaster, Penna

ARTHUR R. KUHL ESTATE
HOLSTEIN & EQUIPMENT DISPERSAL

To settle the Estate of Arthur R. Kuhl, we will disperse the entire Dairy and equipment at Public Auction

SATURDAY, MARCH 9, 1974
at 10:00 A.M.

Located 1 Mile North of Lawrenceville, Penna. and 14 Miles South of Corning, New York on Route 15. Watch for Auction Arrows.

84 HOLSTEIN CATTLE 84

This Herd consists of 74 Registered and 10 Grade Cattle. 56 Cows Fresh, Close and in different stages of Lactation. 17 Purebred Heifers just Bred or ready to breed. 11 Purebred Calves, one to six months old. FEATURING: Whirlhill Kingpin, Don Augur True Type Model, Admiral Imperial Chief, Duke Kenndale Centurion, Heatherstone Lucky Typeblazer, Pineyhill Galaxy, Simpson Farm Tidy Gent, Lime Hollow Burkgov Suberb. Many more Top Sires not mentioned. All bred to N.E.B.A. Inc.

SAMPLE OF SOME OF THE COWS

Barn Name:
ROCKY--305D--16,559M.--3.9T--645 Fat
TRIXIE--349D--18,279M.--763 Fat
REFLEC--336D--19,800M.--654 Fat
ELLEN--310D--16,260M.--603 Fat
Too many excellent records to mention.
T.B. and Blood Tested within 30 days. Vacc. for Shipping Fever, Pregnancy Checked. Eligible for Interstate. A Real Dairy Herd.

EQUIPMENT

A C 175 Tractor (Wide Front Diesel) 700 Hrs , D-15 Series 2 Tractor w/Loader, W D Tractor w/ Cab & Loader, 516 N H Manure Spreader, A.C Pull Type Combine, N H 717 6 Knife Chopper w/ CornHead, N H 610 Chopper & Cutter Bar Unit, N I. Corn Picker, N H Rake; I H C Corn Planter, 461 N H Haybine, 2 Lamco Forage Wagons, Hay Wagon, 23 N H Blower, 22 Table Blower, 13 X7 Ontario Drill, Smoker Elevator, J D 4-Bottom Trailer Plows; N H 271 Baler; Disc Harrow; J D Harrow, J D Cultipacker, Silo Unloader

TRUCKS: 68¾ Ton Dodge Pickup w/cap on box, 67 G M C Truck w/Hoist, 57 Ford Stake Truck, and 51 Truck w/Hoist

MILKING EQUIPMENT: Bulk Tank Dumping Station, and 5 DeLaval Units

PRODUCE: Quantity of Hay, Ear Corn, and Oats

REAL ESTATE FOR SALE

471 Acre Farm to be sold at Private Treaty 2 Houses, Large Barn, 2 Silos Machinery Sheds, Timber, River Bottom Land A "REAL PRODUCTIVE FARM" Your inspection invited at any time

DON'T MISS THIS OUTSTANDING SALE!

ARTHUR R. KUHL ESTATE, OWNERS
MARY J. KUHL, EXECUTRIX
RONALD D. WEST, Sale Manager
ROBERT M. SHAYLOR & VICTOR PIRRUNG, Auctioneers
ROBERT SLINGERLAND, Clerk

LUNCH AVAILABLE

For any information pertaining to this sale, contact Ronald D West, R D.#1, Box 169, Mansfield, Penna Phone 717-724-1989 or Robert M Shaylor, Elmira St Troy, Penna Phone 717-297-3278

PUBLIC SALE OF REAL ESTATE, EQUIPMENT, AND HOME SITES

Location: East of Marticville, 9 miles South of Lancaster off Route 324.

SATURDAY, MAR. 16, 1974
10:30 A.M.

Approximately 95 Acre Farm with 100 year old 2½ story frame dwelling. 3 rooms & bath up, 5 rooms down. Full basement with open arch, hot air auto. oil heat. Slate roof on house and barn, large tobacco shed and cornbarn. Never failing spring. 7/10 mile macadam road frontage.

Five (5) home sites along covered bridge road to be offered for sale individually. Also 2 394 Acre lot on east side of Covered Bridge Road.

Farm Machinery

2 Ford 5,000 diesels, 1 select-o-speed & 1 8-speeds forward; J.D 16 in. 3 bottom plow #325 with accumulator; Ford 32 disc transport, Brillion cultipacker; Ford 4 row cornplanter #320, 2 row cultivator 3 pt , Ford 3 pt. mower #515 7 ft.; Ford Crimper; Ford 3 pt rake; J.D 321 elevator 28 ft. with motor & P.T.O.; Ford 602 2-row mounted picker 12 roll husking bed, 4 McCurdy grain bins all case wide track wagons, 2 bale throw boxes with Grove wagons.

App. 40 ton corn, 15 ton hay, 8 ton straw.

J.D. #40 manure spreader 2 beaters (25 load), New Idea #215 spreader (good); Dunham manure loader with hyd bucket & fork, Ford 3 pt. blade heavy duty, 2 New Holland wagons, New Idea 10 ft lime spreader, 2 row mounted tobacco planter 3 pt

Dearborn 13 disc grain drill, Ford 7 ft. combine bin & P T.O ; New Idea flail chopper, cement mixer 3 pt P T.O., 16 ft aluminum elevator; 12,000 tobacco lath; 2 Minnich presses; spears & shears, 3 double tobacco ladders & 5 singles; platform scales; 2 hog feeders; extension ladder, 2 brooder houses & 4 range houses.

Forks, chains, shovels and many other articles too numerous to mention.

Some household goods to be sold at 10:30 A.M.

Terms by
John, Harry and Glenn Myers
Trading as Myers Bros.
Roger S. Reist, Atty.
Wm. C. Croswell, Atty.

Lunch furnished

REAL ESTATE TO BE SOLD AT 10 O'CLOCK

J. Everett Kreider 284-4517
Carl Diller 464-2233

DUROC SALE

SATURDAY, MARCH 9, 1974

Show 11:30 A.M.; Sale 1:30 P.M.
Location: Martin's Sale Barn 2 miles East of Intercourse, Pa. on Rte. 340

BOARS

OPEN GILTS **BRED GILTS**

SPONSORED BY

Penna. Duroc Breeders Assn.

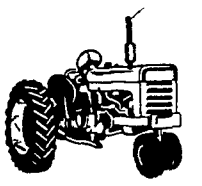
Dr. Champion will be available for Out of State Sales.

Auct. PAUL Z. MARTIN
Judge: Richard Sholley

For Catalog Write:
George Zimmerman, Sec.
R.D.#1
Grantville, Pa. 17028

CONSIGNMENT
AUCTION

OF INDUSTRIAL and CONSTRUCTION EQUIPMENT



Wednesday, April 24, 1974
at 9:00 a.m.

Located at Intersection of New Holland Road and Route 340, east of Intercourse, Lancaster County, Pennsylvania.

Industrial and Construction Equipment of all types accepted on consignment for this sale Call or write before April 1, 1974 with your consignment All consignments must be received by April 1, 1974 to be included in advertisements

Sale Conducted By
PAUL Z. MARTIN
BLUE BALL, PENNA.
Phone: Residence, 717-354-6671
Business, 717-768-8108

MARTIN AUCTIONEERS, INC.
R.D. 2, EDGEWOOD DR., NEW HOLLAND, PA. 17557

"Complete Auction Service"

PAUL Z	VERNON R	LARRY L	PAUL Z , JR
717 354 6671	717 354 9333	717-354 7006	717 354-8273

"Go Auction for Action"

Public Sales Register

(Continued From Page 55)

on the premises located midway between Leck Kill and Rough & Ready; RD1, Klingerstown, Pa; Upper Mahanoy Township, Lower Northumberland County. 25 miles Southeast of Sunbury; 8 miles East off Route 225 at Red Cross (watch for sale arrows in Village of Leck Kill). 10 miles Northwest of Hegins; turn west off Route 125 at Keim's Cafe watch for sale arrows in Village of Rough and Ready. Sale by Mark T. Paul and Lena Paul, owners; George N. Deibert, Auctioneer.

SAT. MARCH 9 - 9 A.M. 6th Annual Spring Sale by the Gordonville Fire Co. to be held at the Gordonville Fire Hall. Dishes, Horses, Hay, Straw, Farm Equipment, etc., etc. Goods sold on commission or donations. Persons wishing to donate items may call 717-687-7583. All proceeds benefit Gordonville Fire Company. Ira Stoltzfus, Wilbur Hossler and Leroy Zook, Auctioneers. Complete listing later.

SAT. MARCH 9 - 1:30 P.M. Duroc Sale located at Martin's Sale Barn, 2 miles East of Intercourse, Pa. on Rte. 340. Sale sponsored by Penna. Duroc Breeders Assn. Paul Z. Martin, Auctioneer.

THURS MARCH 14 - Public Sale of Farm Equipment by Lebanon Valley Implement Co. located 2 miles south of Myerstown along Linden Street in Richland, Pa. John E. and Paul E. Martin, Auctioneers.

THURS. MAR. 14 - Complete Dairy Dispersal and Farm Machinery Sale located South of Annville along Rte. 934. Sale by Lloyd Early; Harry H. Bachman, Auctioneer.

THURS. MARCH 14 - 10 A.M. Plain View Farms Dispersal of Valuable Farm Machinery, Trucks and Dairy Equipment located just off Rt. No. 74 South of Collinsville, 15 miles Southeast of York, Pa. and 5 miles North of Delta, near Airville, Pa. Terms by Melvin H. Wessel, owner, Airville, Pa.; Allen T. Hill and Robert L. Sechrist, Auctioneers.

THURS. MARCH 14 - 10:30 A.M. Public Sale of Farm Equipment located 6 miles South of Coatesville, Pa. 3 miles East of Cochranville off Rt. 10, near Gum Tree, along North Gum Tree Road, Chester Co., Pa. Sale by Paul L. Coates, RD3 Coatesville, Pa. Carl Diller and J. Everett Kreider, Auctioneers.

THURS. MAR. 14 - 11 A.M. Public Sale of Farm Equipment and Holstein Dairy Cattle located on the farm along Rt. 934 south of Annville in South Annville Twp., Lebanon County, Penna. Turn south onto route 934 at traffic light on 422 in Annville and proceed 1 mile to farm or turn north off route 322 onto 934 and proceed approx. 3 miles to farm. Conditions by Lloyd R. Early; Harry H. Bachman, Auctioneer.

FRI. MARCH 15 - 11 A.M. Public Sale of Farm Machinery and Holstein Heifers, located 1-mile south of Quarryville along Route 222. Terms by John C. Groff; Kreider and Diller Auct.

FRI. MARCH 15 - 9:30 A.M. D.S.T. Public Sale of 75 Head Holstein Cows and Farm Machinery on the premises located on McIlvaine Road, across from Belmont Stone Quarry. Sale by Jonas B. Fisher; Wilbur H. Hosler and Paul B. Snyder, Auctioneers.

FRIDAY, MARCH 15 - 11:30 A.M. Public Sale of Farm Equipment located one mile east of Mount Joy, just off Route 230, along Newcomer Road. Sale by Mrs. Margaret J. Newcomer, executrix of Mark Newcomer Estate; Raymond Miller and Rufus Geib, Auctioneers

SAT. MARCH 16 - 9 A.M. Public Sale of Farm Equipment, Household Goods and Butcher Tools located in Perry County, 8½ miles west of Marysville and 4 miles east of Shermansdale, and ½ mile south of Rt. 850. Watch for sale signs along Rt. 850. Sale by Mrs. George W. Lightner; Dean Shull, Auctioneer.

SAT. MARCH 16 - 12 Noon Farm Auction of Machinery, Pipeline, Tank for Frank Mastyk, Reaville Rd. 2 miles North East of Ringoes, N. J. ½ mi. off Rt. 202-31. 3 mi. South of Flemington, N. J. Sale conducted by Col. Fred R. Daniel Auctioneers, Inc., Neshanic Sta., N. J.

SAT. MARCH 16 - 10:30 A.M. Consignment Sale of Farm & Industrial Equipment located at West Nottingham Sale Barn, Rte. 276, Rising Sun, Md. 1 mile South of Rt. 1. Sale operated by S. Lee Moore.

SAT. MARCH 16 - 10 A.M. Public Sale of Full Line of Farm Equipment, Truck, Tools, 117 tons corn and Household Goods located at 825 Beaver Valley Pike, approx. 6 miles south of Lancaster along Rte. 222. Sale by J. Warren Eshleman; Howard Shaub, Auctioneer.

SAT. MARCH 16 - 10:30 A.M. Public Sale of Real Estate, Equipment and Home Sites located East of Marticville, 9 miles South of Lancaster off Route 324. Terms by John, Harry and Glenn Myers, Trading as Myers Bros. J. Everett Kreider and Carl Diller, Auctioneers

SAT. MARCH 16 - 11 A.M. Puclic Auction of Farm Equipment, Bred Hol. Heifers, lots of Household Goods and some Antiques. Terms by Wilson O. Smith, owner, Goldsboro, Md. H. Rudnick & Sons, Auctioneers.

SAT. MARCH 16 - 10 A.M. Public Sale of Farm Equipment, Household Goods and Antiques located Columbia RD1, Hempfield Twp. between Silver Spring and Mountville, on Horizon Dr. From Mountville at Kauffman's Garage go North on Summit Dr. turn left on Horizon Dr. Look for Sale Signs. Sale by Harvey Haugh Estate, Earl A. Birk and Helen M. Sheffer, Executors; C. H. Wolgemuth and H. Shaffner, Auctioneers.

(Continued On Page 57)

PUBLIC AUCTION

OF DAIRY HERD - MACHINERY EAR CORN HOUSEHOLD GOODS

SATURDAY, MARCH 9, 1974

11:00 A.M.

Sale Location; Go Rt. 283 west. Take Landisville and Salunga exit. Turn right. Stay on that road until the greenhouses. Turn left and sale will be held at farm on first lane on the right. Watch for sale arrows.

25 HIGH GRADE HOLSTEINS

This is a very good Holstein herd which is made up of mostly first, second and third calf cows This young herd consists of 5 cows strictly fresh, 2 cows due March, other cows due July, Aug., Sept, Oct. Also selling 4 heifer calves. Some cows are sired by such bulls as Admiral Imperial Chief; Connerhill Ivanhoe Leader; Mooseheart Select.

10 can milk cooler, milk cans; S. S. buckets; can rack; 40 lb. Seamless Surge milker; double S. S washtubs; 80 gal. elec. water heater.

Dairy Sale to Be Held at 1:00 P.M. - Sale Under Tent

25 Ton Ear Corn
25 Ton Alfalfa Hay

MACHINERY

Zimmerman Grinder-mixer; Ezee flow fertilizer drill, Lethy gravity bin with running gear; 2 16-ft flatbed wagons; Stauffer transplanter; N I No 7 Cornpicker, J.D. 246 Corn planter; M M field chopper; Hawkbilt manure spreader; snow fence, 22" lawn mower; 3 dog houses; Radial arm saw, plus other unlisted items.

HOUSEHOLD GOODS

Warm Morning coal heatrolla; 100,000 BTU elec ignition oil heater; 40" Hotpoint elec. range, sofa bed, 3 oil space heaters 1 Bucket-a-day stove, recliner chair; youth bed; cedar chest, like new, Dynavent LP gas heater, end tables, metal wardrobe, blackboard; 300 new strawberry boxes; green jars, crocks; cherry seeder, misc. items.

SALE ORDER: Household goods, Machinery, Dairy Herd

Terms by:
Mark Martin
717-898-2850

R. Kline & N. Martin, Auctioneers
717-626-4975 or 717-354-7186

LUNCH AVAILABLE
NOT RESPONSIBLE FOR ACCIDENTS

PUBLIC SALE

FARM EQUIPMENT, HOUSEHOLD GOODS & ANTIQUES

SATURDAY, MAR. 16, 1974

at 10:00 A.M.

Located—Columbia R.D. 1, Hempfield Twp., between Silver Springs and Mountville, on Horizon Dr. From Mountville at Kauffmans Garage, go North on Sumit Drive, turn left on Horizon Drive. Look for sale signs.

1959 FORD COUPE 1950 DODGE PICKUP
1948 OLDSMOBILE

ALLIS CHALMERS B. Plow & cultivators, 2 B 12" Plow; 1 B. trailer plow, IHC 28 Disc and 24 Disc, double cultipacker, spike harrow, 3-sec land roller M.H. Spreader, IHC riding culti.; Oliver side Rake, dump Rake, fodder shreader, hoe grain drill, wagon, 1 row tob planter, 3 tob. wagons, 4000 lath, shears, potato plow, hand shovel-harrow, hook plow, snow fence, 2-Hole corn sheller, 12' cast Cattle trough alum. ex ladder, platform scales, circular saws, harness, single & double trees, good horse collars, wedges, axes, meat cleaver & saws, milk cans, log chains, rope & pulleys, lock & keys.

ANTIQUES

STANDARD JOHN DEERE B TRACTOR; Player piano, wash boiler, wooden barrels, 4-prong shaking fork, mag. rack, comb Coal & gas range, Columbia Coal Range, Blanket chest, wash stand and wash stand set, Old Peacock hanging lamp, corner shelf, pictures, frames, quilts, Butcher furnace & 2 kettles, lard press, meat grinder, sausage stuffer, jewelry & buttons, Heatrola, Kitchen cabinet, sink, gas range, refrigerator, walnut ex table, china closet, sewing machine, TV & Radio, space heater, record player, Waterfall Bedroom Suite, Maple single bed, folding cot, day bed, studio couch, chest of drawers, 3-pc living-room suit, lamps, sm. tables, etc

2½ HP. ROTO TILLER, 3 lawn mowers, and many useful items not listed.

HARVEY J. HAUGH ESTATE
Earl A. Birk & Helen M. Sheffer
Executors.

Geisenberger, Pfannebecker,
Zimmerman, Gibble, Attys.

C. H. & BOB WOLGEMUTH &
H. Shaffner, Aucts.
Ph. 665-5664

12th ANNIVERSARY SALE

WEDNESDAY, MARCH 6 at 9:30 A.M.

Location - ½ mile North on Route 23 on North Maple Avenue in Leola. Watch for Sale Sign. Lancaster Co., Pa.

TRACTORS - 45 Int. Crawler with loader; D2 Caterpillar with PTO and Hydraulic; 2 row pull type New Idea corn picker, like new; Massey Ferguson Tractor No. 165.

FARM MACHINERY, HORSE DRAWN IMPLEMENTS, Tools, Hay and Straw, new Hardware, Lumber, etc., etc. 1,000 ft. 1" Walnut boards seasoned, lot of insulation, new 2 x 6 and 2 x 8's all lengths.

SALE BY
DAVID H. GOOD
Ph. 717-656-9024

We have buyers for Hay and Straw.
We sell on Commission
Next Sale Wed., March 20

F. SNYDER, R. MARTIN, C. WOLGEMUTH, F. STELLER, AUCTS.

PUBLIC SALE

FARM TRACTORS and IMPLEMENTS

FRIDAY, MARCH 8, 1974

AT 10:30 A.M.

On the premises located 3 Miles North of Churchtown, 3 Miles Northwest of Morgantown, next to Zerbe Sisters' Nursing Home, Lancaster County, Penna.:

12 FARM TRACTORS

John Deere 3020 Gas with Power Shift, Diff. Lock, Wide Front, 2300 Hrs.; J.D. 2520 Gas with Diff. Lock, 1200 Hrs.; Two J.D. 520 with Power Steering and 3-Point, one on Steel Wheels; Farmall H, Farmall A with 2-way Plows and Cultivators; Ford, Ferguson, A.C. WD45 Diesel, Oliver 770 Gas; A.C. WD with Loader; I.H. TD 340 Crawler with PTO and 6-way Blade; A.C. B with Plow, Cultivator and Mower.

FARM IMPLEMENTS

John Deere 24T Baler with Thrower; J.D. No. 8 W. Mower; J.D. No. 32 Hay Conditioner; 2 J.D. KBA 24 Discs; J.D. No. 246 Corn Planter; J.D. No. 125 3 16" Plow; 2 J.D. Harrows, 8-Ft. and 9-Ft.; J.D. No. 483 Mower Conditioner; J.D. 894 Hay Rake; J.D. 16" Trailer Plow; J.D. 3 14" Trailer Plow; J.D. No. 462 3-Point 4-Section Rotary Hoe; J.D. No. 415 14" Plow.

New Holland Super No. 717 Harvester with Single Row Corn Head; N.H. No. 450 Mower; N.H. No. 33 Flail Chopper; N.H. No. 256 Hay Rake; N.H. No. 231 Spreader; N.H. No. 346 Tank Spreader; N.H. No. 352 Grinder Mixer; A.C. No. 140 Spreader; A.C. Bottom Plow; 8-Ton Wagon with Sides, False End PTO Unloading; Ford 3-Point Cultivator; 3-Point Weeder; Stauffer 2-Row Tobacco Planter; 2-Row Rear Mounted Cultivator; Brillion Sprocket Packer; Goby Packer; Sauder Loader; Dump Wagon with Sides; Coby Mixer with Letz Mill and Dual Wheels; M.C. Grinder Mixer; 2 New Idea No. 310 and No. 7 Corn Pickers; Woods Bros. Corn Picker; Walsh 200-Gal. Fiber Glass Tank Sprayer with 34-Ft. Boom; I.H. 17-Disc Grain Drill.

Tobacco Hoer; Warde No. 106 Plow Parts; 7 K.W. Generator Rototiller; 4-Gal. S.S. Back Pak Sprayer; Jamesway Litter Carrier Parts; Water Tank; Old Wagon Wheels; Cast Iron Water Trough with Legs; Tobacco Press; Cast Iron Kettle with Legs and Handles; Portable Bunk Feeders; Coleman 2-Room Oil Heater, like new; Forks; Shovels; Nuts; Bolts; Pulleys; Axes; House and Barn Brooms; Chains; Handyman Jacks; New Open-end Wrenches; Socket Sets; Jigsaw and Table Saws; Metal Band Saw; Drills and Bits; Airless Paint Sprayer; Caulking Guns and Caulking; Grease Guns; Pumps; Oil Filters; Grinding Wheels; Grease Gun Filler Pumps; Myers Jet Water Pump and Tank; Barrels; New Garden Hose; Harness; other items not mentioned.

To you Farmers and Dealers: If you want good equipment, don't miss this sale. Many items like new.

TERMS BY
IVAN N. HOOVER
PHONE 215-286-9026

RALPH W. HORST, Auctioneer
Shirk and Horst, Clerks
Lunch Available. Not Responsible for Accidents.

Public Sales Register

(Continued From Page 56)

SAT. MARCH 16 - 11 A.M. Public Sale of Farm Machinery, Ear Corn, Hay & Straw located approx. 2½ miles north of Delta and approx. 5 miles south of Rt. 372 (Norman Wood Bridge Rd.) along Rt. 74 in York Co., Pa. Sale by Mr. & Mrs. William Reed, Airville, Pa. owners; Robert L. Sechrist, Auctioneer.

PUBLIC SALE

OF REAL ESTATE, FARM EQUIP. TOOLS, HOUSEHOLD GOODS & COINS

Saturday, March 9, 1974

at 11:00 A.M.

Located along Fairview Church Rd. New Providence RD1, Providence Twp. Lanc. Co. Pa. Take Cinder Rd. approx. 2 miles south of New Providence to Fairview Church Rd., turn west ¼ mile to property.

Valuable 33 acre farm with 2 story frame home, 2 story frame bank barn, separate tractor shed & corn crib, 2 car garage and workshop. Property may be inspected

Saturdays Feb. 16 & 23 & March 2 from 1-3
Real Estate to be sold at 2:00

No. 45 W.D. Allis Chalmers tractor, No. 65 N.H. baler with No. 49 N.H. thrower, No. 60 A.C. 5' combine with bin, single row corn picker, A.C. 2 bottom 16" rollover plow, A.C. disc, J.D. 3 sec. spring harrow, Ford 2 row corn planter, chisel plow, 32' D.B. elevator, 28' Smoker elevator, Woods 5' rotary mower, 7' J.D. trailer mower, N.I. hay rake, N.I. manure spreader, grain drill, 16' flat bed wagon, 10' dump wagon, hammer mill, weed sprayer, roto tiller, 50', endless belt. 40 tons corn, 8 tons hay, 4 tons straw. Nice line of power, hand & barn tools & equipment. Household furnishings, jewelry & silver coins. Food available. Not responsible for accidents day of sale.

SALE BY

Mr. & Mrs. Rufus Stonesifer

Paul F. McKinsey, Atty.
HOWARD SHAUB, Auctioneer

SAT. MARCH 16 - 11 A.M. Public Auction of 52 Head High Grade Holstein Dairy Herd, Dairy Equipment, Hay, Straw, Corn located in the borough of Gratz, Upper Dauphin County, Pa., next to Gratz Fairgrounds; turn North off Route 25 at Reed's Inn. Sale by Earl E. Engle, owner; Deibert and Deibler, Auctioneers.

SAT. MARCH 16 - Public Sale of Farm Machinery Dispersal and Antiques located in North Lebanon Twp., Lebanon County, Pa. Sale by Alfred R. Brandt; Earl S. Buffenmeyer, Auctioneer.

SAT. MARCH 16 - 9:30 A.M. Public Sale of Valuable Truck, Equipment and Inventory at Kruetz Creek Valley Farmers Co-op, 3800 Stony Brook Road, York, Pa. at Stony Brook. Terms by Kruetz Creek Valley Farmers Co-op; Jacob A. Gilbert Auctioneer.

MON. MARCH 18 - 11 A.M. Machinery, Cattle at 1:15 P.M. Public Sale of 40 Head of Purebred and Grade Holstein Cows and First Calf Heifers and Farm Machinery located in Perry County, 12 miles North of Carlisle, Pa. 2 miles East of Landisburg, Pa. along Rt. 850. Sale by Alfred Albright, Landisburg, Pa. and John C. Spotts; Dean Shull, Auctioneer.

MON. MARCH 18 - 10 A.M. Public Sale of Farm Machinery by M. M. Weaver & Sons, N. Groffdale Road, Leola, Pa. 17540

WED. MARCH 20 - Public Sale of Farm Machinery and Household Furnishings located in Bethel Twp., Berks County, Pa. Sale by David G. Mussleman, Earl S. Buffenmeyer, Auctioneer.

WED. MARCH 20 - 12 Noon Public Sale of Farm Machinery located 3 mile west of Millersville toward Letort. Intersection of Owl Bridge and Stehmans Church Road. Watch for signs at Stehmans Church. Terms by Edgar Porter; Kreider and Diller Auctioneer.

WED. MARCH 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

THURS. MARCH 21 - 10 A.M. Public Sale of 89 Head Holstein Dairy Cattle, Farm Equipment, and Household Goods located 2 miles north of Womelsdorf, turn west off Rt. 419 at Horseshoe Tavern, 1st farm, Marion Twp., Berks Co., Pa. Sale by George Brubaker; Ralph W. Zettlemoyer Auct., Sherwood Zettlemoyer, Appr.

THURS. MARCH 21 - 10 A.M. Public Sale of Horses and Mules, Farm Equipment and Brood Sows, located along Wissler Road, ¼ miles North of Vogansville in Earl Twp., Lancaster Co., Pa. Directions - from Hinkeltown follow Farmersville Rd. South to Wissler Rd., turn left onto Wissler Road first farm on left. Sale by Weaver Auker; Paul W. Horst and Leroy S. Horst, Auctioneers.

THURS. MAR. 21 - 11 A.M. West Virginia BCIA Performance Tested Bull Sale to be held at Wardensville, West Virginia. Sale sponsored by West Virginia University, West Virginia Dept. of Agriculture and the West Virginia BCIA Program.

THURS. MARCH 21 - 11 A.M. Public Sale of Farm Equipment and Holstein Dairy Cattle located 3 miles South of Nine Points off Route 896, ½ mile east of Andrews Bridge along Creek Road, Chester Co., Penna. Sale by James C. Groff; J. Everett Kreider and Carl Diller, Auctioneers.

THURS. MARCH 21 - 11 A.M. Public Sale of Farm Machinery, Pickup Truck, Hay and Straw of the Estate of the late Calvin J. Richardson located about 2 miles northeast of Fawn Grove and approx. 8 miles southwest of Airville, Pa. off Rt. 425 along Richardson Road in York Co., Pa. Terms by Cecil J. Richardson and Bobby C. Richardson, executors of the Estate.

THURS. MAR. 21 - 11:00 A.M. Public Sale of Holstein Dairy Cows, Heifers and Farm Machinery on the premises located 2 miles west of Gap, 7 miles east of Strasburg, just off Route 741, 1 mile south of Route 30 along Hoover Road. Terms by V. Emanuel Hoover; Leroy Zook, Auctioneer.

FRI. MARCH 22 - 11 A.M. Public Auction of valuable 180 Acre Farm (Riverwood Farm) adjacent to Susquehanna River, Personal and Household articles, Antiques, and Farm Equipment. Located in Sothern Lancaster Co. next to Mason & Dixon Line at Pleasant Grove, Pa. on Cook Landing Road, 4½ miles southwest of Wakefield, Pa. 6 miles north of Conowingo, Md. Sale by Paul E. and Eleanor P. Case; Kreider and Diller, Auctioneers.

FRI. MARCH 22 - 10:30 A.M. DST Public Sale of Livestock and Farm Equipment located one-mile east of Route 230 by-pass from the Shick Razor Plant, 1½ miles south of Route 23 from Zook's Corner, 1½ miles north of the Horseshoe Road at 624 Willow Road, East Lampeter Township, Lancaster County, Pa. Sale by Benuel Smucker, Jr. Owner; Norm Kolb, records and Pedigrees, Abe Diffenbach, Jr. and Abe Diffenbach, Auctioneers.

FRI. MARCH 22 - Vetamers Farm Dispersal at the Black & White Holstein Farm, 2220 Dairy Road, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile west of breeding unit. Dispersal by Drs. Hagen and Heisey. Sale managed by Hanover Hills Sales & Service, Amenia, New York.

SAT. MARCH 23 - 9:30 A.M. D.S.T. Large Absolute Auction going out of the John Deere equipment business after 37 years in business, retiring, Farm Machinery, Truck, Garage Equipment, Tools, Parts, Misc. Items on the premises 6 miles south of Stewartstown, Pa. and 10 miles north of Jarrettsville, Md. on Route No. 23, in the 4th District of Harford Co., Md. Sale by Walter N. (Nick) Wiley, owner. Charles W. Shrodes and David W. Shrodes, Auctioneers.

SAT. MARCH 23 - 10:30 A.M. Public Sale of Farm Equipment located between West York and York New Salem, off the York New Salem Road on to Lemon St., 1st lane turn left. Watch for sale signs. Sale by Mr. Carl Shaffer, RD6, York, Pa. Blaine N. Rentzel, Auctioneer.

(Continued On Page 58)

PUBLIC SALE

OF VALUABLE TRUCK, EQUIPMENT and INVENTORY

SATURDAY, March 16, 1974

9:30 A.M. Sharp

at Kruetz Creek Valley Farmers Co-op.
3800 Stony Brook Rd.
York, Pa. At Stony Brook
Closing our doors after 50 years in business

The following will be offered at public sale by order of the Board of Directors of Kruetz Creek Valley Farmers Co-op.

TRUCK and EQUIPMENT

1970 Dodge 1½ ton stake truck with approx. 25,500 miles. Truck is in good condition and will be sold at 1:00 p.m. Howe 24 ton state approved scales. Buyer must remove and fill in hole. 1 ton mixer, 30 ft. 4" auger, Toledo no springs scales, several platform scales, 2 large bag trucks 500 lb. capacity, 4 small rubber tire bag trucks, 4 small steel wheel bag trucks, rubber tire wheelbarrow, 2-13" Papec hammermills, 2-20 h.p. 3 phase motors, Century ½ h.p. motor single phase, 5 fire entinguishers, coal wheelbarrow, wheel scoop, used lumber, coal chutes, step ladders, 3 large tarpaulins with tie downs, 3 side chain truck chains, used cross chains, 2 slide rails, 2 neoprene belts, grain buggy, 3 pump type oil drums, several 3 phase motors, several signs, box car mover, 4 barrel pumps.

INVENTORY

Various kinds and amounts of Feeds and Seeds, various kinds of spray materials and disinfectant, tar paper, roof cement, lime, cement, several rolls of poultry wire, fence posts, and wire, some paint, turpentine and linseed oil, plow shears, good assortment of bolts, asst. nails of various sizes, motor oil, large paper bags, used bags, various chicken feeders, coal and scoop shovels, metal bu. baskets, rope of asst. sizes, flour, pulleys, Vbelts, window glass, Isotox seed treator, cyclone seeders, bird feeders, brooms, axes, picks, pruning shears, leaf rakes, hand sprayer parts, mice and rat traps, rat kill, buckets, sprinkling cans, oil cans, rabbit dishes, 1 dz. used econobear traps full cases of cat food, digging irons, feed scoops, some used hand tools, approx. 15 gal. cod liver oil, also asst. bolts, nuts, screws, light bulbs, gloves, and other items used around the farm.

OFFICE EQUIPMENT and ANTIQUES

2 safes, Victor adding machine, desk, typewriter, checkwriter, 3 four drawer filing cabinets, 10 wooden folding chairs, plank bottom and other odd chairs, 2 billing machines, several counters, candy case, 2 swivel chairs, wall clock, mail pouch thermometer, coal stove, 2 coal buckets, fire shovels, small platform scales with scoop, butter scales, blackball voting box with marbles, 3 wooden benches, ½ bu. measure, signs. Also, some candy, tobacco, and cigars and many other articles too numerous to mention.

Special Note: Farmers, don't miss this sale. Lots of new items and good used equipment to be sold to the high bidder. Not responsible for accidents on day of sale.

Refreshments by East Prospect Fire Co.
Terms: Cash or approved check

Jacob A. Gilbert, Auctioneer
Ph. 252-3591
Kline, Leber, Gilbert, Clerks

Kruetz Creek Valley Farmers Co-op

OLEY VALLEY FARMS

COMPLETE DISPERSAL

THURSDAY, MARCH 7

(11:00 A.M.)

OLEY, PA.

At the farm 2 miles east of Oley, just off Rte. 173 on Haas Rd., 12 miles northeast of Reading, 30 miles southwest of Allentown, about 45 miles east of Lancaster, Pa. Watch for Auction Arrows.

75 REGISTERED HOLSTEINS

(63 Reg. - 12 Grades) (53 Milking Age - 7 Bred Heifers - 15 Op. Hfrs. & Calves)

All tested for interstate shipment - Exam for Preg. & Mastitis.

DAUGHTERS OF THESE FAMOUS SIRES SELLING!!

5 by "Kingpin" - 5 by Kilinsdale Ivanhoe Jack - 2 by Galaxy - 2 by Optimist
2 by Flashy Boy - Emperor Luke Archie - Black Eagle - Tidy Burke Jerry Wint. Ivanhoe Kid Samson - Triune Complete and others.

SOME OF THE FEATURES SELLING!

- Tidy Burke Jerry Dtr. with 17,642 M. 598 fat due in May to Ivanhoe Jack. She had dtrs. by Samson and Kingpin.
- Dtr. of Dusty Jo with 20,000-lbs. milk 681 fat sells with dtr. by King Inka Fobes.
- Kingpin dtr. with 539 fat 4 percent at 2 yrs. due in May.
- Galaxy dtr. with 15,875 M. due in Aug. to Ivanhoe Star. Her Bonus dtrs sells and Samson.
- Kingpin dtr. with recs. to 15,900 M. 607 fat. Sells due in June to Samson son

Mr. & Mrs. Haas will be the first to tell you that the potential of these cattle has not been reached yet. They are doing the work all by themselves. MAKE YOUR PLANS NOW TO ATTEND AND BUY!! YOU WILL BUY HOLSTEINS WITH A FUTURE!!

Sale starts 11:00 A.M. Lunch Available
Catalogs Under Cover

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N.Y.

PENNA. HOL. ASSN.
839 Benner Pike
State College, Pa.

ARTHUR G. HAAS
Owner,
Haas R. RD2 Oley, Pa.

Public Sales Register

(Continued From Page 57)

SAT. MARCH 23 - 11 A.M. Public Sale of Farm Machinery and Household Goods located from New Providence to Truce along Rawlings Avenue Rd., 1st farm on left. Or 2 miles East of 272 along Rawlings Avenue Rd. Sale by Ira H. Holzhauer; Lloyd H. Kreider, Auctioneer.

SAT. MARCH 23 - 2 P.M. Public Sale of Valuable Real Estate located near Quinston Church on Quinston Road in Chanceford Twp. approx. 2 miles from the Frogue, Pa. off the Brogue to Muddy Creek Road, York County, Pa. Sale by Louis A. Kauffman, Power of Attorney; Jacob A. Gilbert, Auctioneer.

SAT. MARCH 23 - Pa. Yorkshire Show and Sale sponsored by Pennsylvania Yorkshire Co-Op Assn., Inc. to be held in the swine barn, Farm Show Building, Harrisburg, Pa. Show 10:00 A.M., Sale 1:00 P.M.

SAT. MARCH 23 - 11 A.M. Large Dispersal Sale, Dairy Herd, Farm Equipment, Truck, Feeds, Household, etc. located in Adams Co., off new 15 or old 15 at Heidlersburg, Pa. go east about 1 mile on Route 234, then turn south New Chester Road, go 2½ miles, north of Sharrer's Mill, "Sale" signs posted. Terms by Norman Zimmerman, RD2, New Oxford, Pa., owner; Clair R. Slaybaugh, Auctioneer.

SAT. MARCH 23 - Public Sale of Farm Implement, located between Lititz and Manheim on Route 772. Terms by Ida Brubaker, Executrix for John S. Brubaker; Elmer Murry, Auctioneer.

SAT. MARCH 23 - 11 A.M. Eastern Shore Showcase Sale at the West Nottingham Sale Barn on Md. Rt. 276, Rising Sun, Md. Featuring 45 of the Best Registered Holstein Calves and Heifers.

SAT. MARCH 23 - 10 A.M. Public Sale of Farm Machinery, Tools, Hay, Corn, Butchering Tools, Antiques and Household Goods located approx. 1½ miles north of Stewartstown off Rt. 24 on the corner of Ebaugh and Althouse School Roads, in York Co., Pa. Sale by W. Everett & Romaine Ebaugh, RD3, Stewartstown, Pa.; Robert L. Sechrist, Auctioneer.

SAT. MARCH 23 - 9:30 A.M. Public Auction of Farm Equipment, Tools and Household Items located in the Borough of Gratz, Upper Dauphin County, Pa. next to Gratz Fairgrounds; turn North off Route 25 at Reed's Inn. Sale by Earl E. Engle, Owner; Deibert and Deibler, Auctioneers.

MON. MARCH 25 - Public Sale of 100 head Dairy Herd Dispersal located in Millcreek Twp., Lebanon County, Pa. Sale by Robert Balsbaugh, Sr. Earl S. Buffenmeyer, Auctioneer.

TUES. MARCH 26 - 11 A.M. Public Sale of Heifers, Dairy and Farm Equipment located along Rt. 341, 1 mile Northwest of Lawn, 3 miles East of Deodate in Lebanon County, Pa. Sale by Sam and Grace Gish. C. H. Wolgemuth, Auctioneer.

WED. MAR. 27 - Public Sale of Farm Equipment located north side of Scheafferstown by Marlin Martin. John E. and Paul E. Martin, Auctioneers.

WED. MARCH 27 - 10:30 A.M. Public Sale of Farm Machinery, Tools, Antiques, and Household Items located along Rt. 24 in the Village of Rinely, York Co., Pa. Terms by Mrs. Theodore Mundis, Owner, RD2, Stewartstown, Pa. Robert L. Sechrist, Auctioneer.

THURS. MARCH 28 - 10:00 A.M. Lea-Vista Registered Holstein Dispersal, and Milking Herd, location - Travel 8 miles south of Hershey on Rt. 322, at Campbelltown, take Rt. 117 South 3 miles, along the Lawn Road; or Rt. 743 north of Elizabethtown to Rt. 341 toward Lawn, watch for arrows. Sale by Weidler Bros., RD2, Palmyra, Pa., Owners; Carl Diller and J. Everett Kreider, Auctioneers and Pedigrees.

FRI. MARCH 29 - 1 P.M. Performance Tested Bull Sale to be sold at the Pa. Meat Animal Evaluation Center, Penn State University, University Park, Pa.

SAT. MARCH 30 - Pennsylvania Landrace Association State Show and Sale located at the Pennsylvania Farm Show Building, Harrisburg, Penna. Show at 10 A.M., Sale at 1:00 P.M.

SAT. MARCH 30 - 9:15 A.M. Public Sale of Farm Equipment and Lots of Antiques located 3 miles north of Rising Sun, Md., 6 miles South of Oxford, ½ mile off Rt. No. 1 By-Pass, (near Alger Oil Tanks) look for Arrows., Chester Co., Pa. Sale by George L. and Florence B. Green; Carl Diller, and J. Everett Kreider, Auctioneers.

SAT. MARCH 30 - 11:30 A.M. Public Auction of Farm Equipment located 3 miles South of Danville, along Route 54, Rush Township, Northumberland County, Pa. Sale by John J. Hurst, RD5, Danville, Pa.; John E. and Paul E. Martin, Auctioneers.

SAT. MARCH 30 - 10 A.M. Public Sale of Farm Equipment and Household Items located 6 miles North of Manheim off Rt. 72 to Cider Press Road along Camp Road between Mastersonville and The United Zions Camp Grove. Sale by Anna G. Greiner; Rufus Geib and Raymond Miller, Auctioneers.

SAT. MARCH 30 - 11 A.M. Public Auction of Farm Equipment located 3 miles Northwest of Gratz; 3 miles Southeast of Pillow; Upper Dauphin County; watch for sale arrows along Route 25 West of Gratz and along Route 225 South of Pillow, Pa. Sale by Mr. & Mrs. Marvin R. Lesher, owners; George N. Deibert, Auctioneer.

MONDAY, APRIL 1, 1974 - Public Sale of Farm Machinery at Wenger Farm Machinery, Myerstown, Pa.

MON. APRIL 1 - Public Sale of Farm Machinery by Wenger's Farm Machinery, Inc., So. Race Street, Myerstown, Penna.

MON. APRIL 1 - Consignment Auction of Farm Tractors by Wenger's Farm Machinery, Inc., So. Race Street, Myerstown, Penna.

TUES. APRIL 2 - Consignment Auction of Farm Machinery by Wenger's Farm Machinery, Inc., So. Race Street, Myerstown, Penna.

THURS. APRIL 4 - 10:30 A.M. Public Sale of Full Line of Farm Equipment, Ear Corn, Shelled Corn and Soybeans located 5 miles West of Coatesville, East of Sadsburyville near Chester Co. Airport. Turn off old Rt. 30 at Window Box Inn, Chester Co., Pa. Sale by Arthur E. Bone, owner; Carl Diller and J. Everett Kreider, Auctioneers.

FRI. APRIL 5 - Pa. Chester White Invitational Show and Sale sponsored by Pa. Chester White Breeders to be held at the Paul Z. Martin Sale Barn located 2 miles East of Intercourse, Pa. along Rt. 340 East, Lancaster Co., Pa. Show time 5 P.M. Sale time 7:30 P.M.

FRI. APRIL 5 - 11 A.M. Public Sale of Farm Equipment, Antiques and Household on the farm located 5 miles west of Hanover or 10 miles southeast of Gettysburg, Pa., on Route 116, close to Hostetters Grain Bins, then turn south 1 mile (sign posted): Sale by Mr. Aaron N. Bange and Mrs. Anna R. Bange, owners, RD4, Hanover, Pa.; Clair R. Slaybaugh, Auctioneer.

SAT. APRIL 6 - 11 A.M. Public Sale of Farm Equipment. Location - Business Rt. No. 30, 1st traffic light east of Coatesville turn left, take South Caln road 1½ miles, Chester Co., Pa. Sale by Corbin C. Mendenhall; Carl Diller and J. Everett Kreider, Auctioneers.

SAT. APRIL 6 - 1:30 P.M. Feeder Pigs, Open Gilts, Purebred Boars and Cross Bred Sows Sale by Norman M. Martin, RD1, Myerstown, Pa. located 2½ miles South of Bethel from US 22 and 6

(Continued on Page 59)

PUBLIC SALE

DAIRY COWS, Mules-Horses, Farm Machinery & HOUSEHOLD GOODS

TUESDAY, MAR. 5, 1974

at 10:00 a.m. D.S.T.

On the premises located ½ mile south of Route 23 in Bareville, on Farmland Road, Lancaster County, Pennsylvania.

22 HOLSTEIN COWS

TB and Blood Tested, In all stages of production.
1 Stock Bull
3 Mules, 5 and 6 yrs. old 2 Horses, 4 and 5 yrs. old
10 ANGUS FEEDER STEERS about 600-lbs.

John Deere 24T baler with motor, McCormick corn picker, Myers hay crimper Oliver trailer plow rotor beater with engine, 2 steel wheel wagons 1 horse tobacco sprayer, tobacco wagons, ground driven McCormick corn binder New Idea 10A spreader, J D 7-ft mower with engine 5 ft mower 106 walking plow J D 2-way plow, Stoltzfus 24 ft bale elevator N I tobacco planter 2 Mc cultivators Mc side rake N I rake, harrow and roller 3-section spring harrow disc harrow cultipacker Case corn planter J D drill Mc grain binder fertilizer drill, wagon market wagon spring wagon hack buggy rubber and wooden wheel wheelbarrows dirt scoop 3 Wisconsin engines 8 h p Briggs and Stratton engine

40 ft extension ladder and single ladders Tools Anvil 3 Bale Boxes Platform Scales Bag Wagon Chunk Wood Stove Coal Stove Feed and Silage Carts 2 Pump Jacks Grass Seed Sower, Windows Doors and Screens Tobacco Shears Harness Collars 1, 2 3 and 4-horse Hitches Sleigh Straw Cutter pile of junk

Milking Equipment

10 h p Petter Engine 4 unit Surge Milker 2 unit like new, Compressor S P 11 Surge Pump 10 can Milk Cooler 22 Milk Cans Stainless Steel Twin Tubs Bucket and Strainers Gas Water Heater

Butcher Tools

Copper Kettle Small and Large Iron Kettles 2 Sausage Stuffers Ladles

Household Goods - About 100 School Desks

Old Wooden Wardrobes Sink Beds Oil and Gas Lights some Glassware and many other articles not mentioned

Order of Sale Small items at barn Household Goods, Butcher Tools, Equipment, Cows, Mules

TERMS BY
ELAM MILLER

Robert E. Martin, 656-7770 and
Frank L. Steller, 656-9055 - Auctioneers
Lunch available

MYERLEA FARMS PRODUCTION SALE

At the Ass'n. Sales Pavilion, Lancaster, Pa.

THURSDAY, MARCH 7, 12:30 NOON

Including some added consignments

74 HEAD

58 are consigned by Mr Myers. Selecting all the young and good ones out of a herd of 140 head. Many strong cow families and show prospects. Popular bulls and good records.

We probably never before had such a large group with outstanding type and good udders. It will be a treat to see them at the Pavilion and even a greater treat if you are fortunate to add some to your herd. They are bound to please.

SALE MANAGED BY:
PENNA. GUERNSEY BREEDERS' ASS'N.
P.O. BOX 458 CAMP HILL, PA. 17011
AND
THE MERRYMAN CO.
SPARKS, MARYLAND, 21152

PUBLIC SALE

1½ miles North of Somerset along Route 281, in back of Laurel Highland Animal Hospital.

THURSDAY, MAR. 7, 1974

1:00 P.M.

MODERN FARM EQUIPMENT

International 656 Diesel, wide front end, with cab, 790 hours. International 444 Utility Tractor, 800 hours; Farmall 300; International 990 Haybine; John Deere 24-T Kick Baler; 3 International Hay Wagons, with racks, 1 with 8 ply tires; John Deere model 42 Combine, 9 ft. cut, like new. International 510 Grain Drill; Large capacity fully equipped, International 1701 Loader with snow bucket; Brillion 12 ft. Cultimulcher International model 51 forage wagon, heavy duty. International 111 Rotary Mower, International No. 16 Rake; John Deere model 60 Forage Blower; International model 411 super chief Plow, 3 pt. hitch Century 3 pt. hitch Weed Sprayer 225 gallon fiberglass tank; Smoker Bale Elevator; 2 International Harrows; 1-3 section, 1-4 section; International Lime Spreader; 3 pt. hitch Scraper Blade; Hydraulic Post Hole Driver; 3 pt. hitch Post Hole Digger; Cab for International 444; Chains for International 656 and 444; International tractor radio, new; International Hay Conditioner; 30 bu. certified seed oats.

Most of Machinery is not more than 2 years old, and in excellent condition.

NOTE: Farm which Dr. Knepper had leased, has been sold, and is discontinuing his farming operation. No small items, be on time.

TERMS: CASH LUNCH AVAILABLE

DR. JAMES KNEPPER
OWNER
R.D.5, SOMERSET, PA.
Phone 814 445-9759

Auctioneer: MERLE MISHLER
Hollsopple, Pa., RD2 15935

FOR COMPLETE SERVICE CALL
JOHN E. MARTIN
RD1, Durlach Road, Ephrata
733-3511 or
PAUL E. MARTIN
Stevens RD1, Box 561
733-3305
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

BIGGER and BETTER than EVER in 1974.

STOCKER and FEEDER AUCTION SALE

Second and Fourth Friday Each Month

Next Sale March 8, 1974

New Starting Time 12:00 Noon

All Grades, Breeds, Weights Load Lots — Small Lots

Lancaster Stockyards, Inc.

LANCASTER, PA. PH. 717-394-2611

MEMBER FIRMS

WALTER M. DUNLAP & SONS
J. M. HOOBER & SON
LOUIS LYONS & SON
JOHNSON CATTLE CO.
MERTON W. McCOY
WM. W. McCOY
T. G. KREIDER
EDW. L. BROWN
S. L. HEILBRON & SONS

Public Sales Register

(Continued From Page 58)

miles North of Myerstown, Pa. along US 501.

SAT. APRIL 6 - 9:30 A.M. C. H. Wolgemuth & Sons Annual All Day Sale located 4 miles West of Manheim, Lancaster Co., Pa. Tractors, Farm Equipment. Anything sold on Commission

SAT. APRIL 6 - 9:30 A.M. Public Sale of Antiques, Household Goods located 2 miles South of Nine Points along 896, or 6 miles North of Oxford along 896. Sale by the order of Leah M. McElwain and Catharine M. Jackson, Executrix for the Estate of Maidson E. McElwain, Dec'd. Lloyd H. Kreider, Auctioneer.

SAT. APRIL 13 - 11 A.M. Public Sale of Farm Equipment, Poultry Equipment, Antiques and car located 5 miles southeast of Dillsburg, Pa.,on Route 74; turn west at Mt. Top, or 5 miles south on Route 194, turn east at Big Dam Store; 1 mile to sale. Terms by John Yohe, RD1, Wellsville, Pa. Clair R. Slaybaugh, Auctioneer.

SAT. APRIL 13 - 10 A.M. Sixth Annual Public Sale of the Rawlinsville Fire Co. Farm Implements, Household Goods and Antiques. Items sold on commission, Food Served. Phone 284-4362 or 284-4530.

WED. APRIL 24 - 9 A.M. Consignment Auction of Industrial and Construction Equipment located at Intersection of New Holland Road and Route 340, east of Intercourse, Lancaster County, Pa. Sale conducted by Paul Z. Martin, Blue Ball, Penna.; Martin Auctioneers, Inc.

SAT. APRIL 27 - Consignment Auction of Industrial Equipment by Wenger's Farm Machinery, Inc., So. Race Street, Myerstown, Penna.

SAT. MAY 4 - 10:30 A.M. Heifer Sale, 700 head, at the Black & White Holstein Farm, 2220 Dairy Road, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile west of breeding unit. Charles C. Myers and Park Myers, Sales Managers.

FOR SALE

115 HEAD BULLS

600-625 lbs.

70 HEAD 500-525 lbs.

85 HEAD 400-425 lbs.

Phone 717-548-2488

Sale Reports

Magdalena B. High Sale
Leola, Pa.
February 23
Real Estate

Real estate consisting of Holland Stone ranch house, 2-car garage, other building located at 266 East Main Street, Leola, Penna., sold to highest bidder at $35,400.

Personal Property

Some items sold include: two 5-pc. Waterfall bedroom suites, one bid received, $115.00, the other at $130.00; large dinner bell went to high bidder at $160.00; freezer, $155.00; Washing machine, $150.00; a wooden carved bird sold for $32.50, and a ladel went for $26.00.

Auctioneers: Robert E. Martin, Frank L. Steller.

Donald Warren Dispersal
Whitneyville, Pa.
February 23
Dairy Cattle

32 head of dairy cattle were sold, at an average price of $687.00 per head.

Farm Equipment

High bid was received on a 160 AC diesel tractor, $4450. Other equipment sold as follows: Int. H tractor $850.00; D17 tractor with loader $4280.00; 275 N.H. baler $1685.00; Ford wagon $1300.00; and Gehl wagon $460.00.

Owners, liquidators and auctioneers: Ronald D. West and Robert M. Shaylor.

Roy K. Steffy Sale
Manheim, Penna.
February 25
Real Estate

Real estate consisting of a 98 acre farm, sold to high bid of $132,300, purchased by Donald Hershey.

Real estate consisting of a 48 acre farm, to high bid of $90,000 purchased by Wayne Hess.

Farm Equipment

Some equipment sold as follows: No. 25 10 ton John Deere tractor $4300.00; 140 Farmall tractor and equipment $4100.00.

Grain

Straw was sold at $38 and $39.00 per ton. Corn fodder sold at $37.00 per ton, and barley at $2.60 per bushel.

Attendance: Large crowd.

Auctioneers: Rufus Geib and Raymond Miller.

Irvin D. Witmer Sale
Columbia, Pa.
February 23
Farm Equipment

Tractors sold: Farmall M $895.00; Farmall C $655.00; Farmall H $635.00.

Equipment sold: N.H. spreader $330.00; disc harrow $330.00; wagon jack $45.00; anvil $58.00; milk cans $11.00 to $14.00 a piece.

Antiques

Some antique items sold as follows: dry sink $95.00; marble wash stand $135.00; bowl and pitcher set $210.00; and ironstone platters sold up to $22.00.

Auctioneers: Carl Diller and J. Everett Kreider.

Jacob S. Esh Sale
Gordonville, Pa.
February 21
Farm Equipment

Farm equipment sold to high bidders as follows: N.H. Baler $2610.00; J.D. No. 4 grass mower $385.00; J.D. disc $660.00; Spring harrow $245.00; Spring wagon $195.00; Pony Cart $190.00; Corn binder $625.00; AC motor $470.00; anvil $37.30.

Horses

A pair of horses sold to high bidder at $1250.00; horse $980.00; 12 year old mare $900.00.

Household Items and Antiques

A dinner bell sold to the highest bidder at $107.50; slant top desk brought a bid of $400.00; and a child's rocker sold for $91.00.

Auctioneers: Carl Diller, J. Everett Kreider.

7th ANNUAL

WEST VIRGINIA PERFORMANCE TESTED

BULL SALE

MARCH 21, 1974

11 A.M.

183 BULLS CONSIGNED

117 Angus, 38 Polled Hereford, 5 Hereford, 12 Charolais, 6 Simmental Cross, 3 Red Angus, 1 Chinaina Cross, 1 Maine Anjou Cross

ANGUS SIRES REPRESENTED
WYE, EMULOUS, CRAIGIE, COLOSSAL, MARSHALL & OTHERS

POLLED HEREFORD SIRES
RWJ VICTOR, BOCALDO, T VICTOR, LAMPLIGHT, BONNY & OTHERS

CHAROLAIS SIRES
A NUMBER OF IMPORTED FRENCH SIRES ARE REPRESENTED.

SIMMENTAL SIRES
TONI, PARISIEN & SULTAN

Test records averages to date for the 183 bulls are
Ave. Daily Gain on test 3.01--Ave. lifetime daily gain 2 68

Reymann Memorial Farm
Wardensville, W. Va.
(Hardy County)

AUCTIONEER: Col. A. W. Hamilton
Lewisburg, West Virginia

EACH BULL SOLD WILL HAVE COMPLETE PERFORMANCE RECORDS

- Calfhood Performance - Weaning weight & Herd Comparison Ratio
- 140-Day Feed Test Performance
- Lifetime Performance - Weight per-day-of-age, 365-day weight, & sonoray measurement.

Only bulls that are structurally sound and meet the sale requirements for weight per-day-of-age will sell.

FOR CATALOG and INFORMATION WRITE or PHONE

B. W. WAMSLEY, JR.
Agricultural Sciences Bldg.
West Virginia University
Morgantown, WV 26506
Phone [304] 293-3392

C. J. CUNNINGHAM
Reymann Memorial Farm
Wardensville, WV 26851
Phone [304] 874-3561

NOAH E. PERRY
Livestock Section Chief
W. Va. Dept. of Agr.
Charleston, WV 25305
Phone [304] 348-2210

CO-SPONSORS: WEST VIRGINIA UNIVERSITY, WEST VIRGINIA DEPARTMENT of AGRICULTURE, and the WEST VIRGINIA BEEF CATTLE PERFORMANCE TESTING PROGRAM.

PUBLIC SALE

OF VALUABLE REAL ESTATE

81 ACRE FARM

On Saturday,
Mar. 23, 1974
at 2 P.M. Sharp

Located near Quinston Church on Quinston Road in Chanceford Twp. approx. 2 miles from the Brogue, Pa. off the Brogue to Muddy Creek Road, York County, Pa.

Real Estate of O. Myrtle Kauffman

The undersigned will offer at public sale the following Farm consisting of approx 81 acres This farm will be offered in 4 separate parcels and also in its entirety This is good fertile soil, some woodland, lots of good road frontage on Quinston Road & Quinston Hill, several springs Improvements consists of a 4 room frame house with siding, also frame barn & chicken house This land could be used in various ways Developers builders, investors, be sure & inspect this farm Terms of sale, 10% down, balance on or before May 1, 1974 Other conditions will be given at time of sale For inspection or more information phone 927-6142 or auct

Louis A. Kauffman
Power of Attorney

JACOB A. GILBERT,
Auctioneer
Phone 252-3591
J. Ross McGinnis, Attorney

AGWAY

DO-IT-YOURSELF PROTEIN

Take the Agway clear-seeding alfalfa route and get up to four tons of protein-rich forage this year

Four tons of alfalfa in the year of seeding? It's a practical objective that has already been accomplished on many dairy farms where the Agway clear-seeding alfalfa program has been followed. And that's just the first year. Farmers in southern Pennsylvania following the program recommendations are getting as much as eight or nine tons a year for at least three succeeding years. Translate yields such as these into protein production and you will see why alfalfa can well be one of your most profitable crops. That first year, a four-ton yield is the equal of a 40-bushel soybean crop. Seven-ton yields produce as much protein as fields yielding a phenomenal 100 bushels of soybeans per acre.

Consider how this kind of production can cut your feed expenses. Then call Agway and put the clear-seeding program to work growing protein for your herd this year.

AGWAY ALFALFA SEED

Inventories are tight this year. Call soon and place your order for top quality Agway seed. At this time Agway can supply Vernal, Iroquois and Saranac. You'll be amazed at its rapid growth, producing a good harvest within 70 days after seeding. And a second cutting in another 35 to 40 days!

G & G FEED & SUPPLY
Manheim
665-5001

HENRY B. HOOVER, INC.
Ephrata
733-6593

LANCASTER STORE
394-0541

THOUGHT FOR THE WEEK

Wisdom is knowing what to do next. Skill is knowing how to do it. Virtue is doing it.

NEW HOLLAND STORE
354-4526

QUARRYVILLE STORE
786-2126

SALUNGA STORE
898-2248
653-1864